

TMD

hMARCH 1 MDDSTE-REQSRLTSCLKKREEMKLLKECVSILPRKESPSVR-SKDGKLLAATLLLA
mMARCH 1 MDESAKTLPFPCLCFCSSEKGEEDMKVGYDP-ITPQKEEGA WFGICRDGRLLAATLLLA

TMD

hMARCH 56 LLSCCLT VVSFYQVAA LQGDLASLR AELQGHAEKLLPAGAGAPKAGLEEAPAVTAGL
mMARCH 57 LLSSSF TAMS LYQLAALQADLMNLRMELOSYRGSATPAAAGAP--ELTAGV



hMARCH 113 KIFEPAPGEGNSSQNSRRNKRAVQGPEET--DLDLAPPAPCLPGCRHSQHDDNGMN
mMARCH 106 KLLTPAAPRPHNSSRGHRRRAFFGPEETEQDVLSPAPCLPGCRHSQHDDNGMN

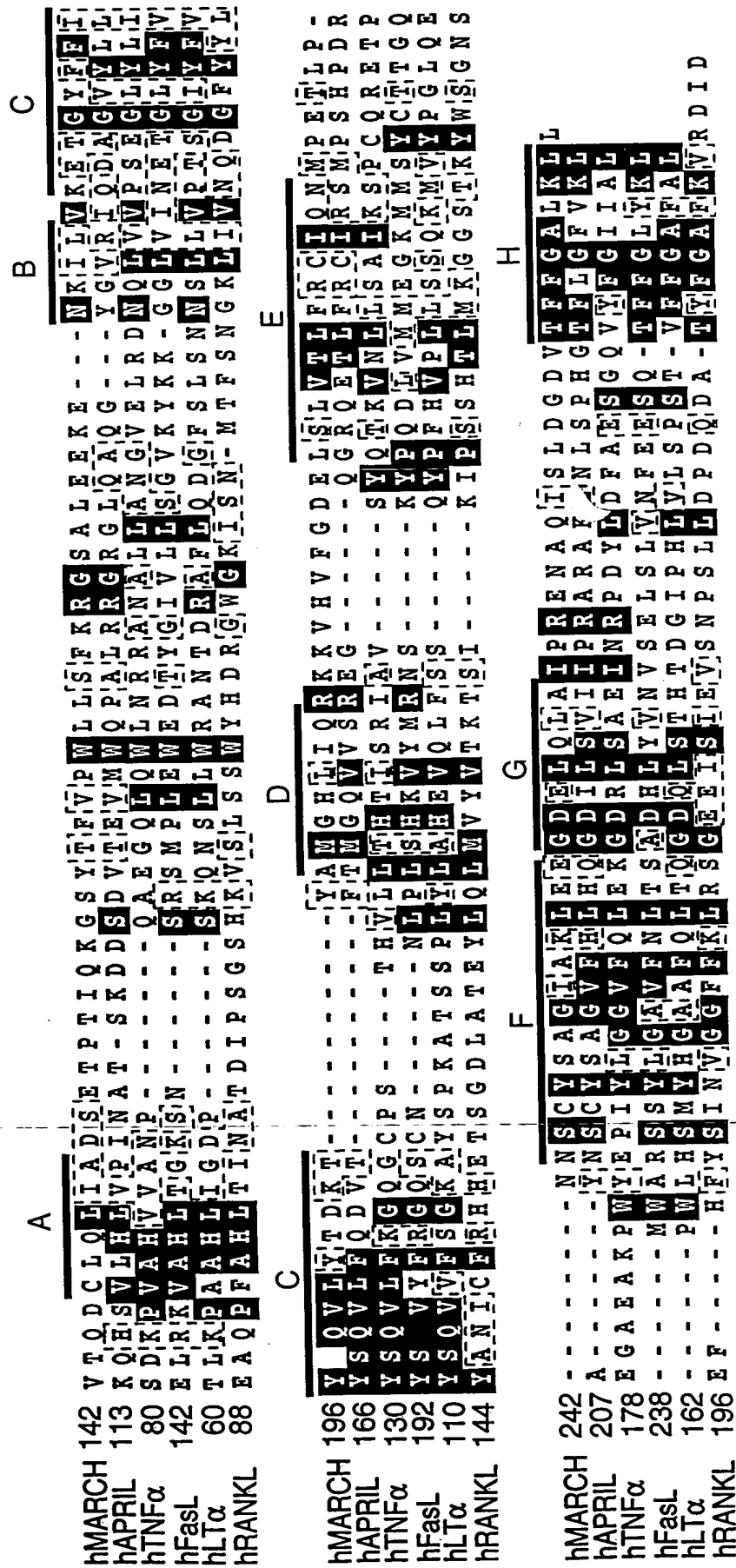
hMARCH 141 --VTQDCLQLIADSETPPTIQKSYTFVPWLLSFKRGSALEEEKENKILVKE TGYFFI
mMARCH 163 LRNIITQDCLQLIADSDTPPTIRKGT YTFVPWLLSFKRGNALEEEKENKIVVRQTGYFFI



hMARCH 196 YGQVLYTDKTYAMGHV IQRKKVHVVFGEDELSLVTLFRICIQNMMPETLPNNSCYSAGIAR
mMARCH 220 YSQVLYTDPIFAMGHV IQRKKVHVVFGEDELSLVTLFRICIQNMMPKTLPNNSCYSAGIAR

hMARCH 253 LEEGDELOLAIPRENAQISLDGDDVTFFGALKLL
mMARCH 277 LEEGDEILOLAIPRENAQISRNCGDDTFFGALKLL

FIG. 1A



102017 429999

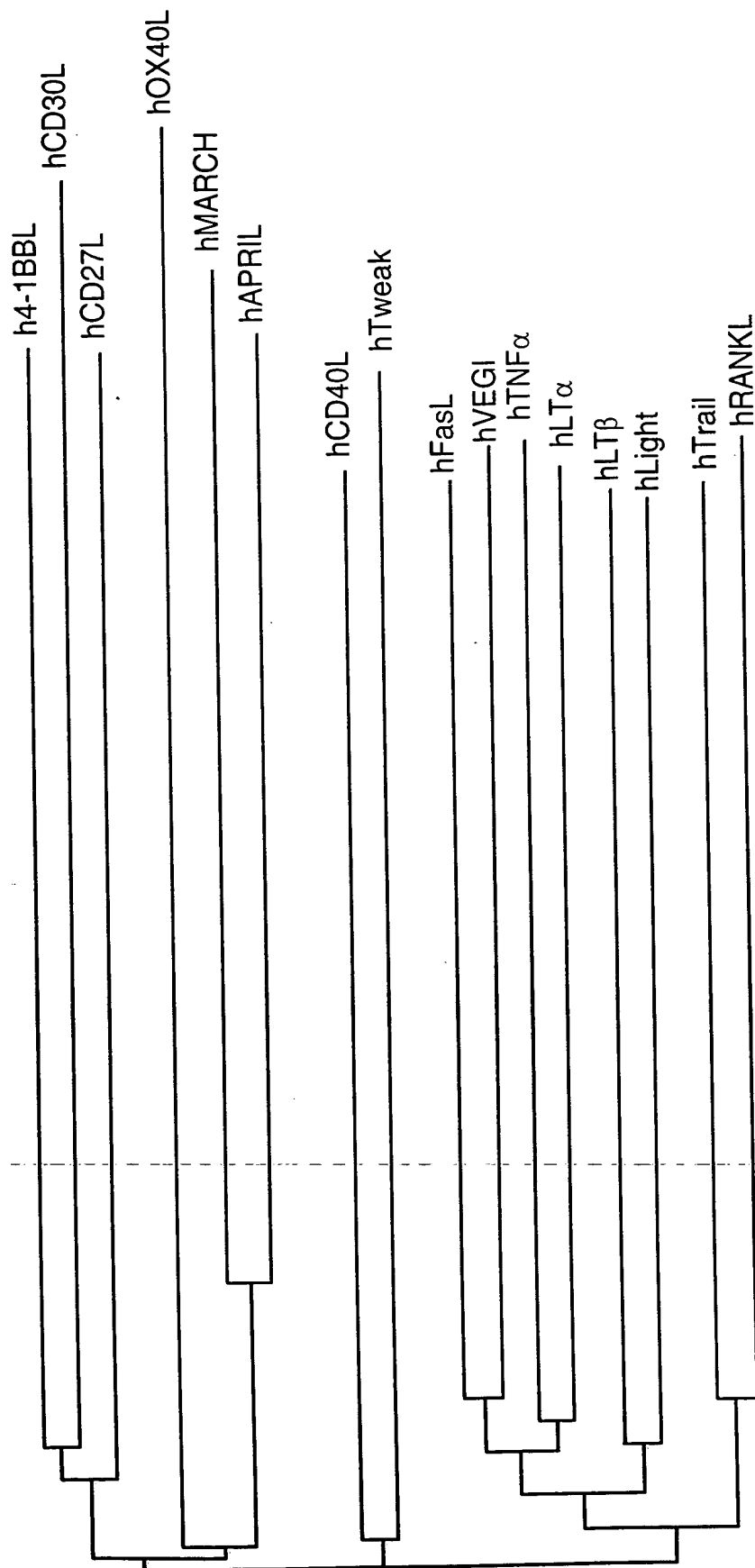


FIG. 1C

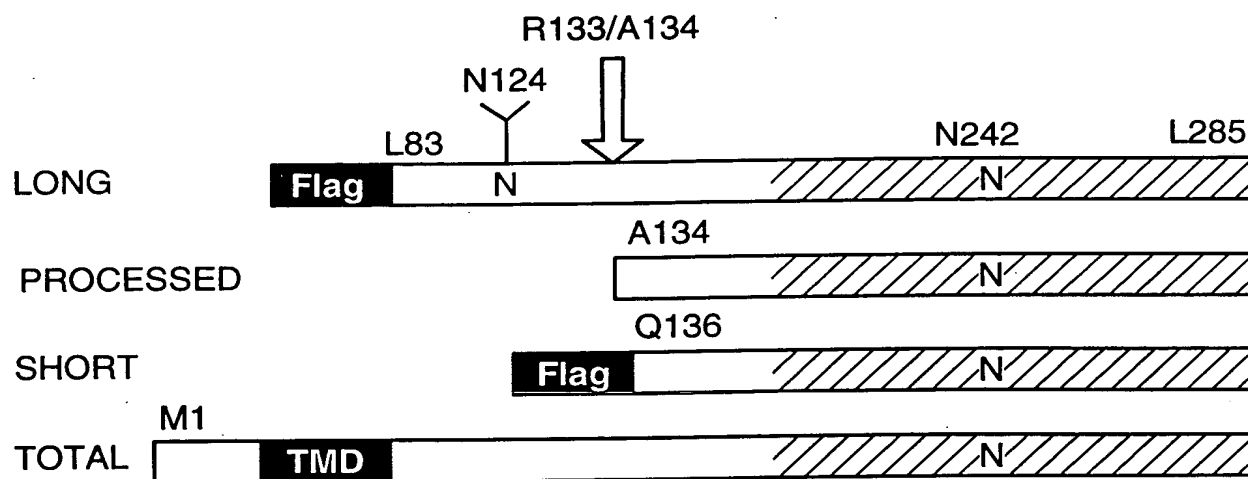


FIG. 2A

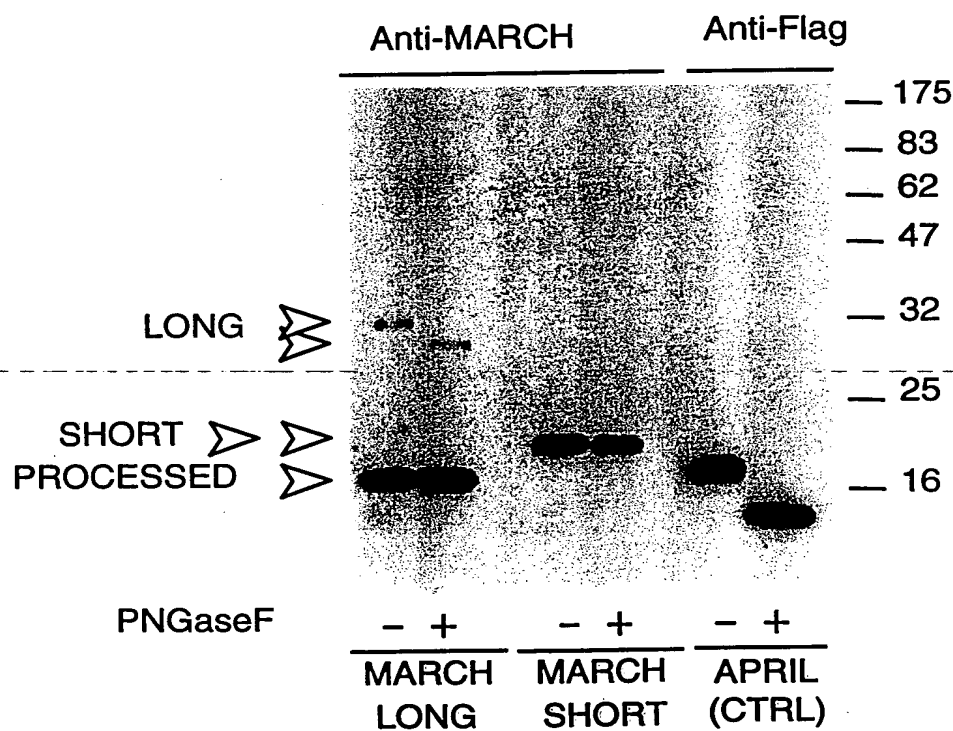


FIG. 2B

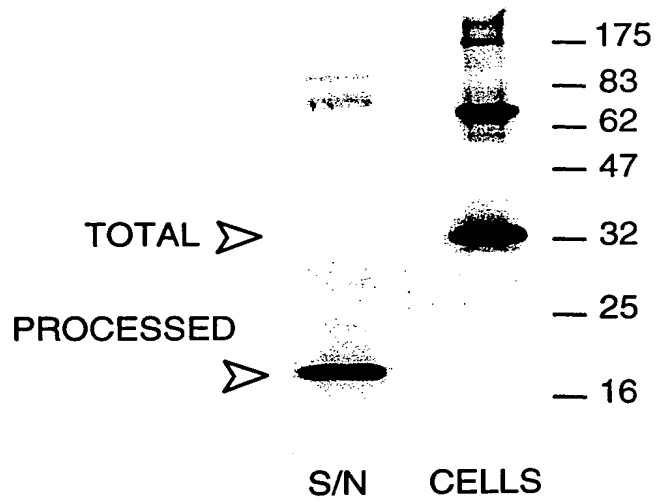


FIG. 2C

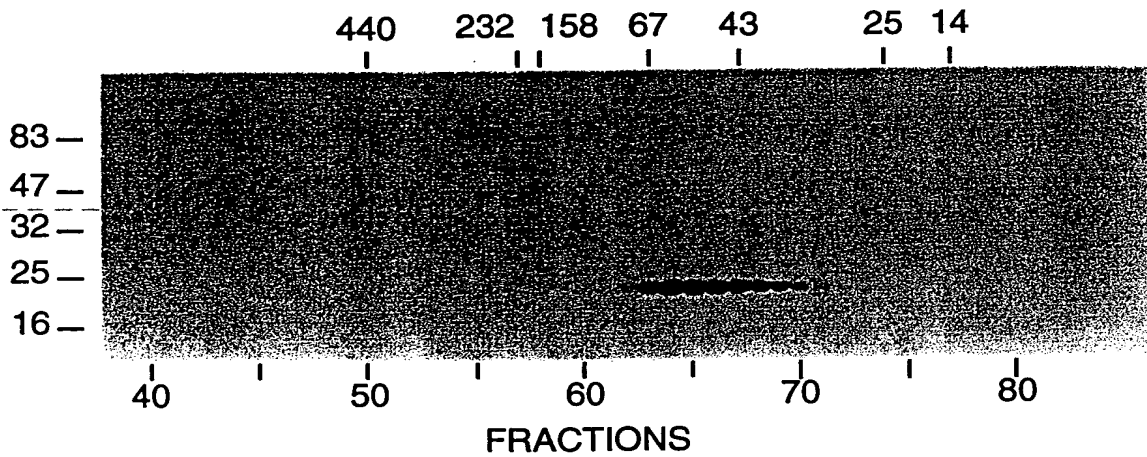


FIG. 2D

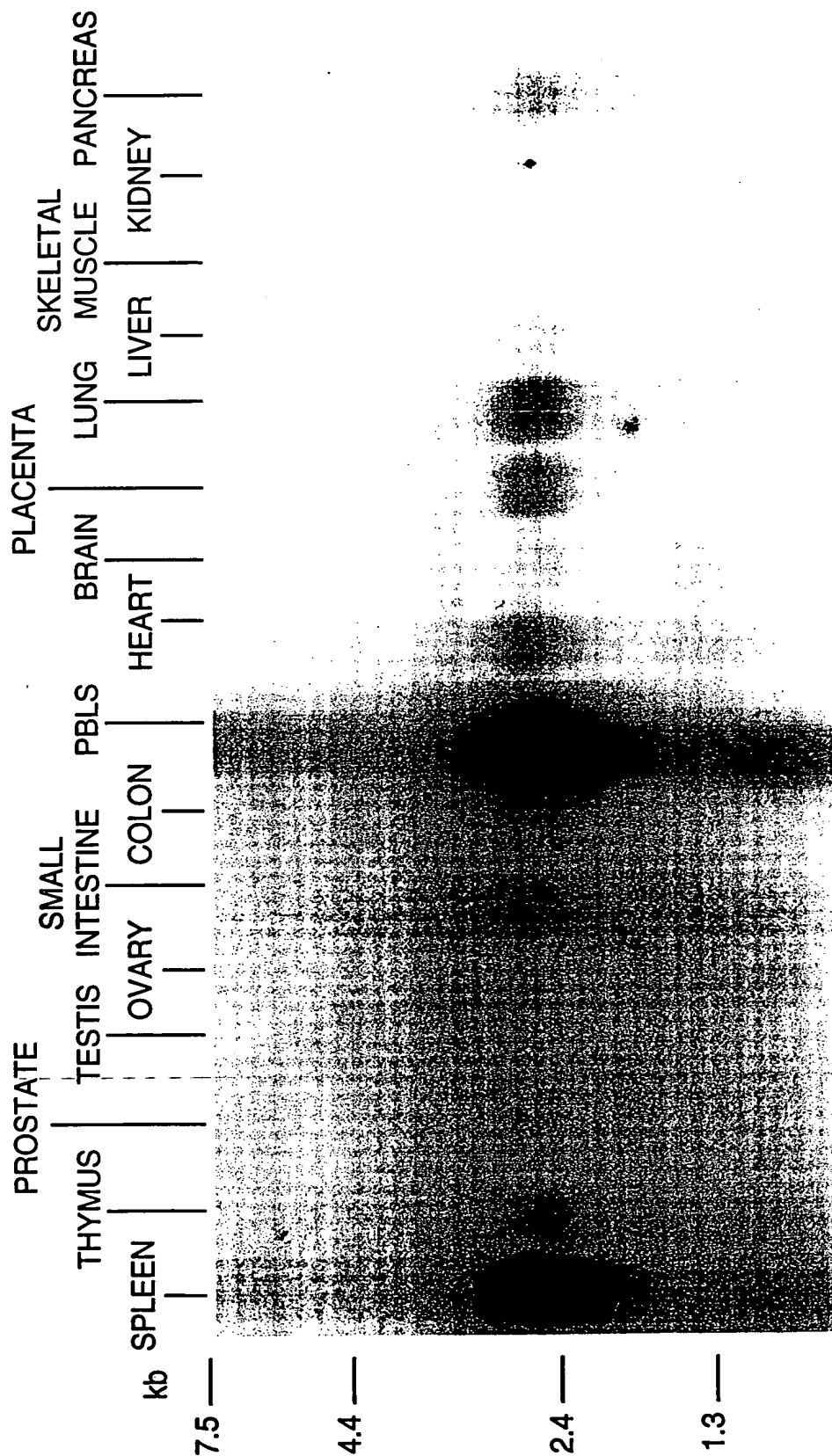


FIG. 3A

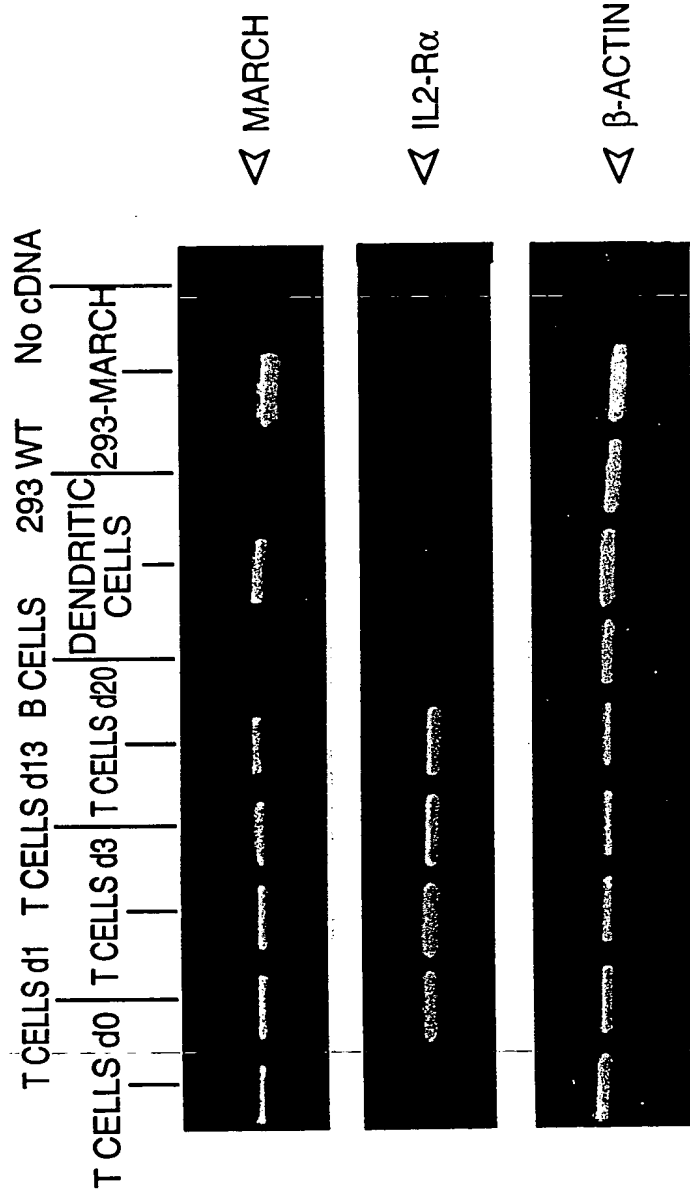


FIG. 3B

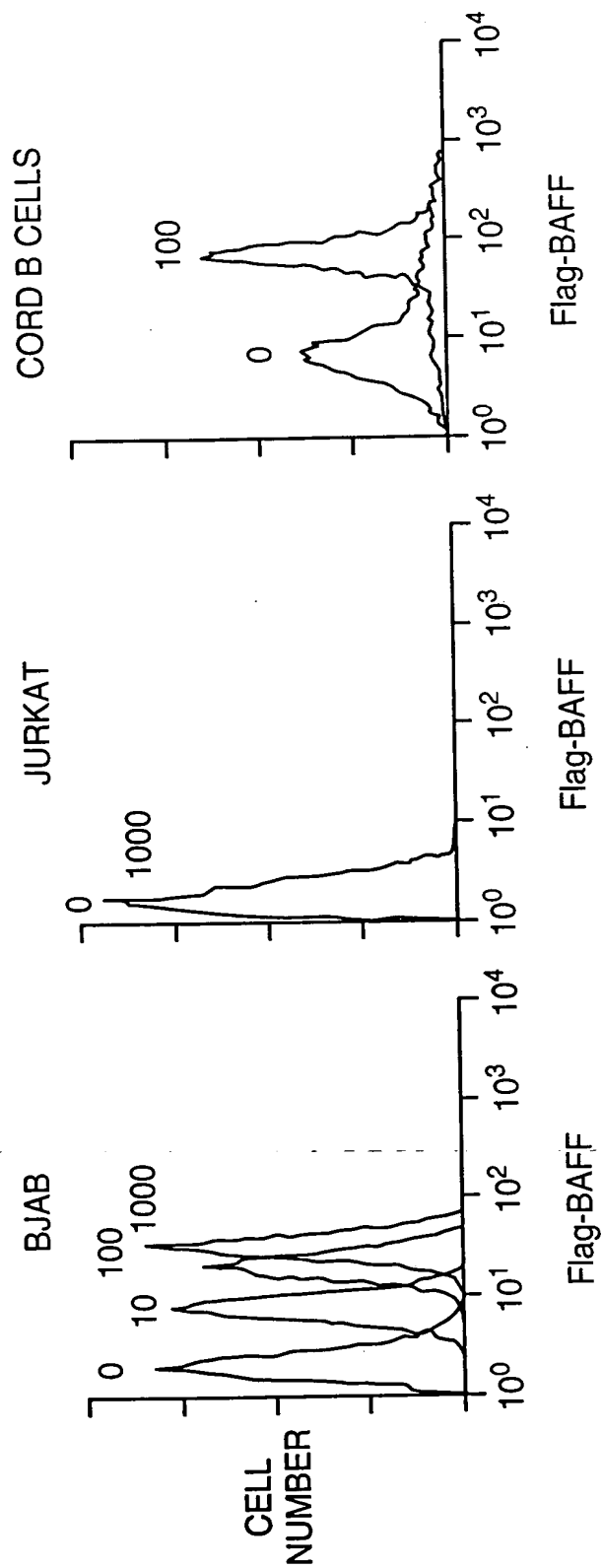
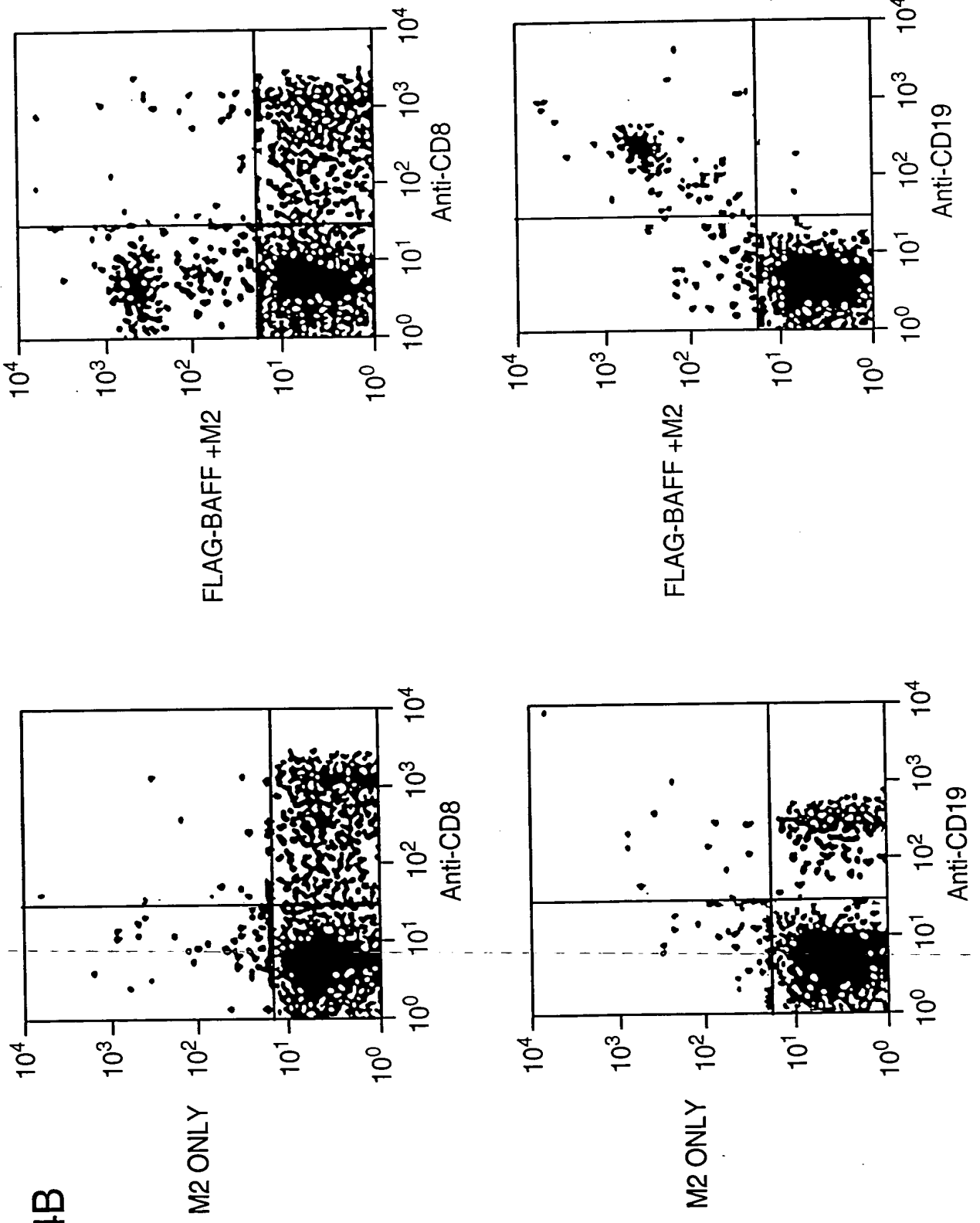


FIG. 4A

FIG. 4B



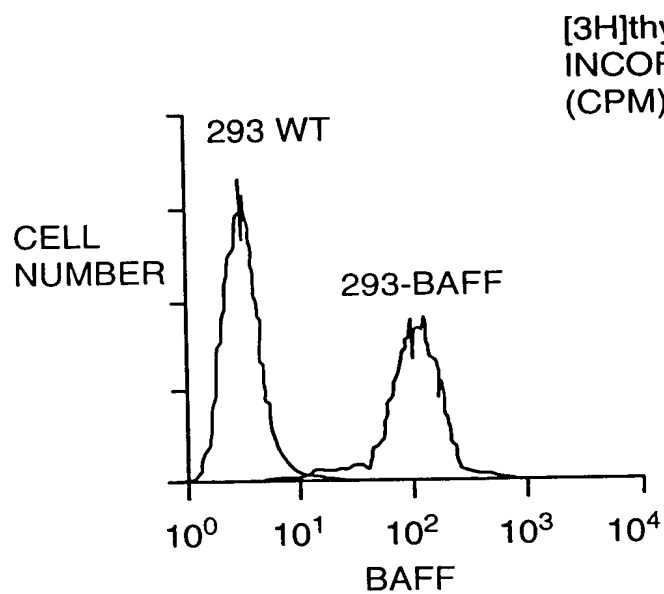


FIG. 5A

[3H]thymidine
INCORPORATION
(CPM)

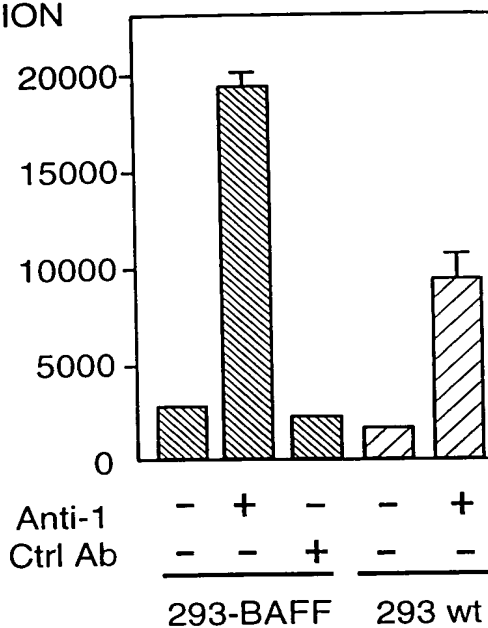
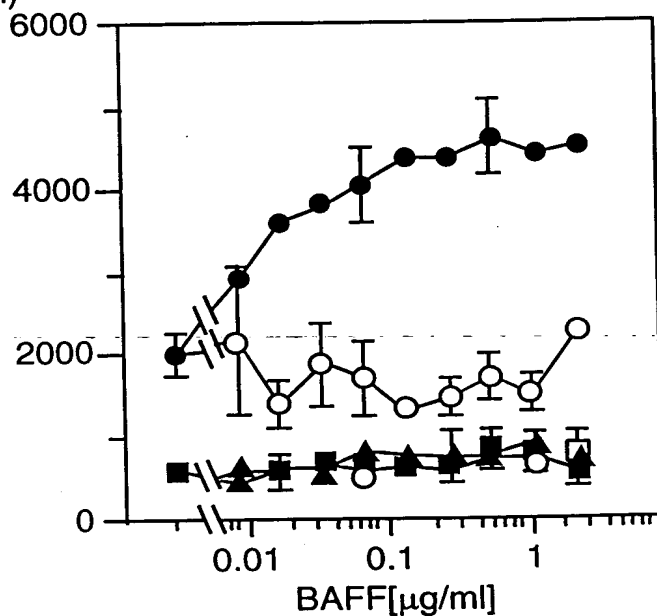


FIG. 5B

[3H]thymidine
INCORPORATION
(cpm)



- BAFF alone
- BAFF + anti- μ
- ▲ BAFF + control Ab
- Boiled BAFF alone
- Boiled BAFF + anti- μ
- △ Boiled BAFF + control Ab

FIG. 5C

[3H]thymidine
INCORPORATION
(cpm)

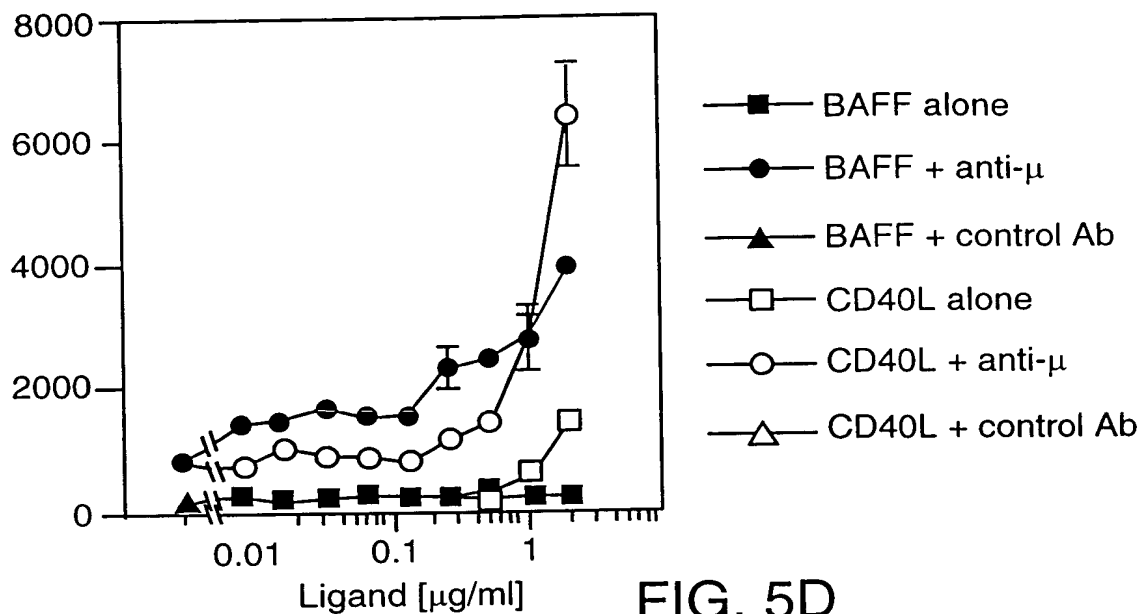


FIG. 5D

Ig
SECRETION
(μ g/ml)

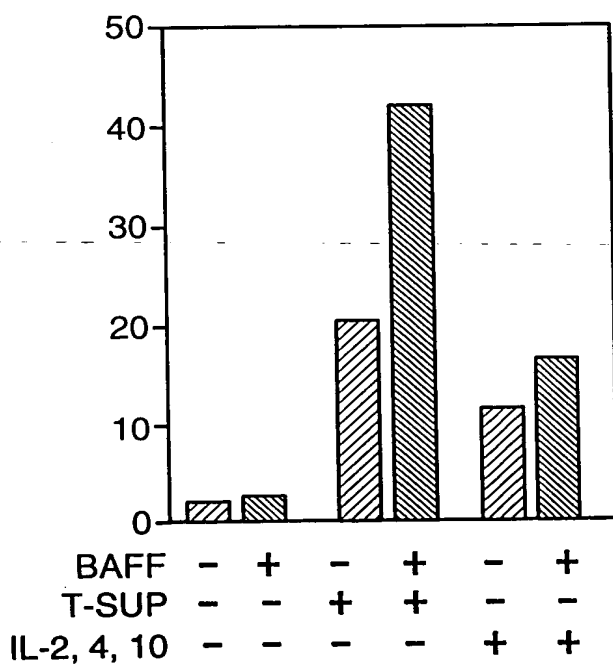


FIG. 5E

Ig
SECRETION
WITH T-SUP
(% OF
CONTROL
RESPONSE)

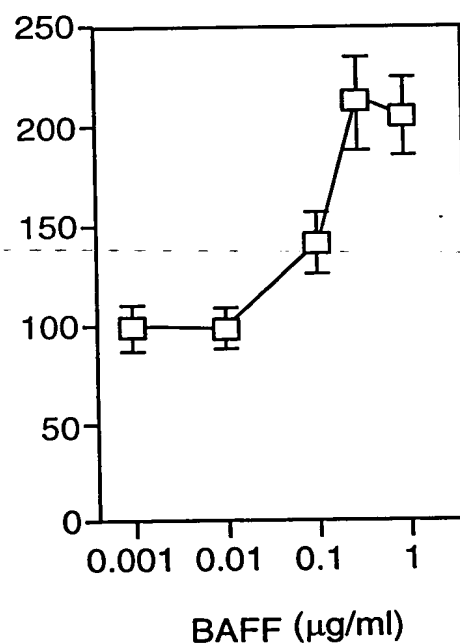


FIG. 5F

BAFF ACTS AS A COFACTOR FOR B CELL PROLIFERATION

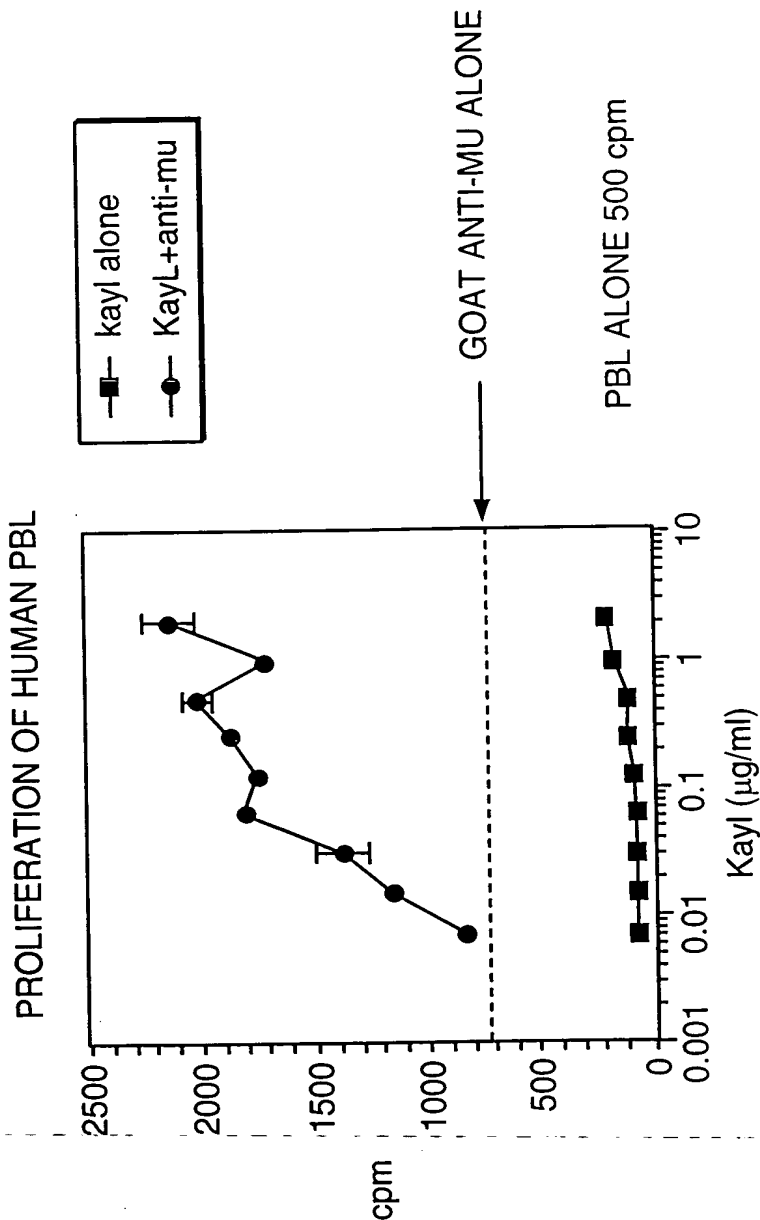


FIG. 6

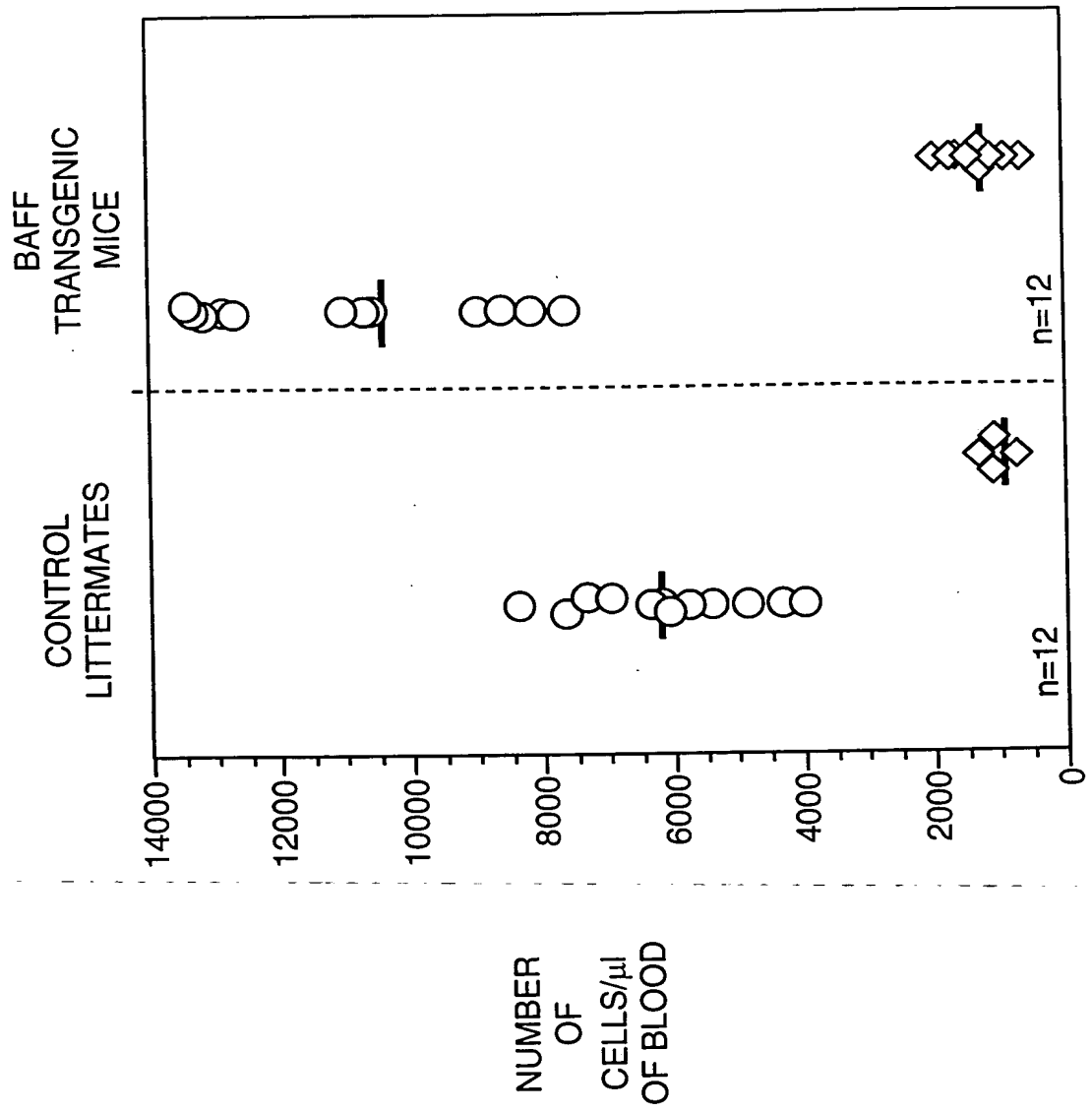


FIG. 7A

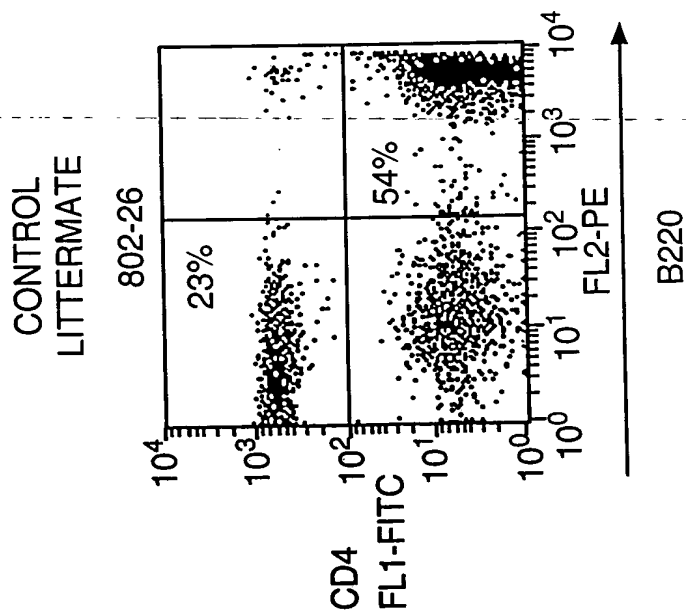


FIG. 7B-1

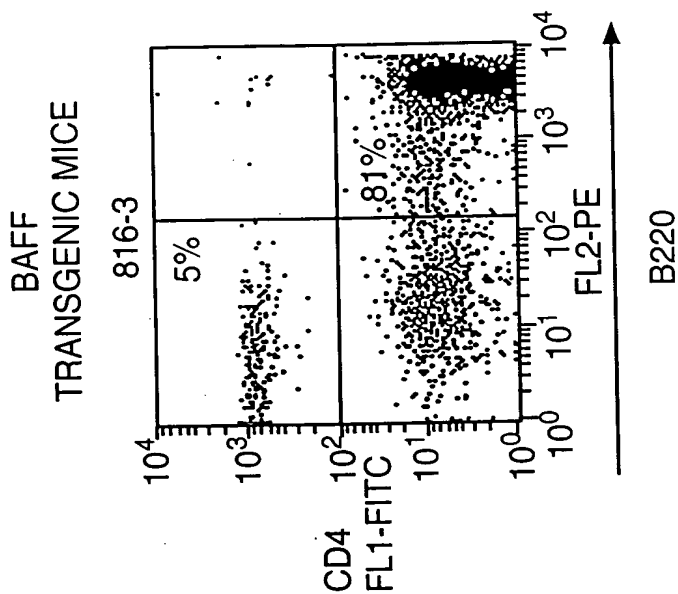


FIG. 7B-2

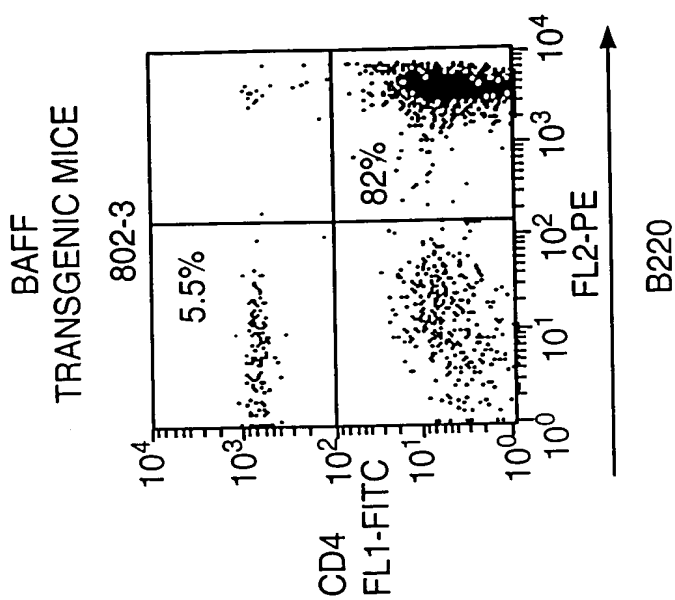


FIG. 7B-3

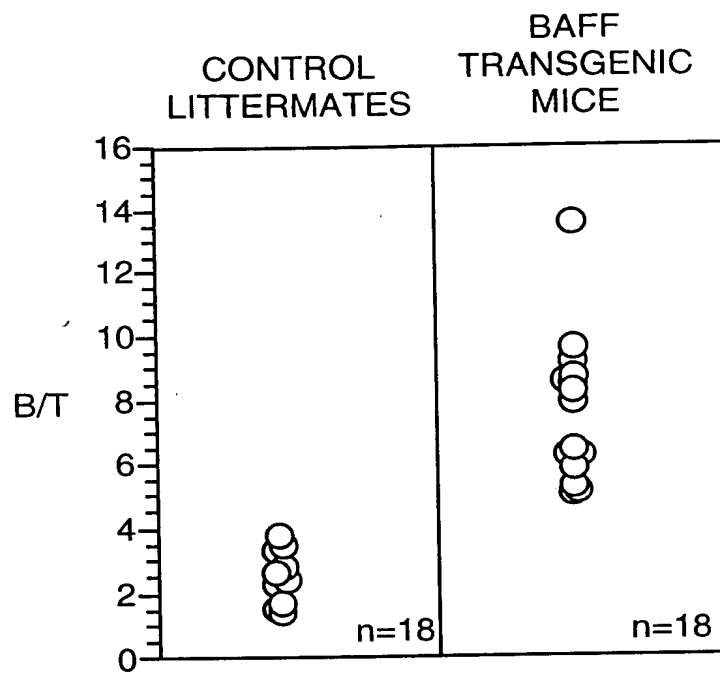


FIG. 7C

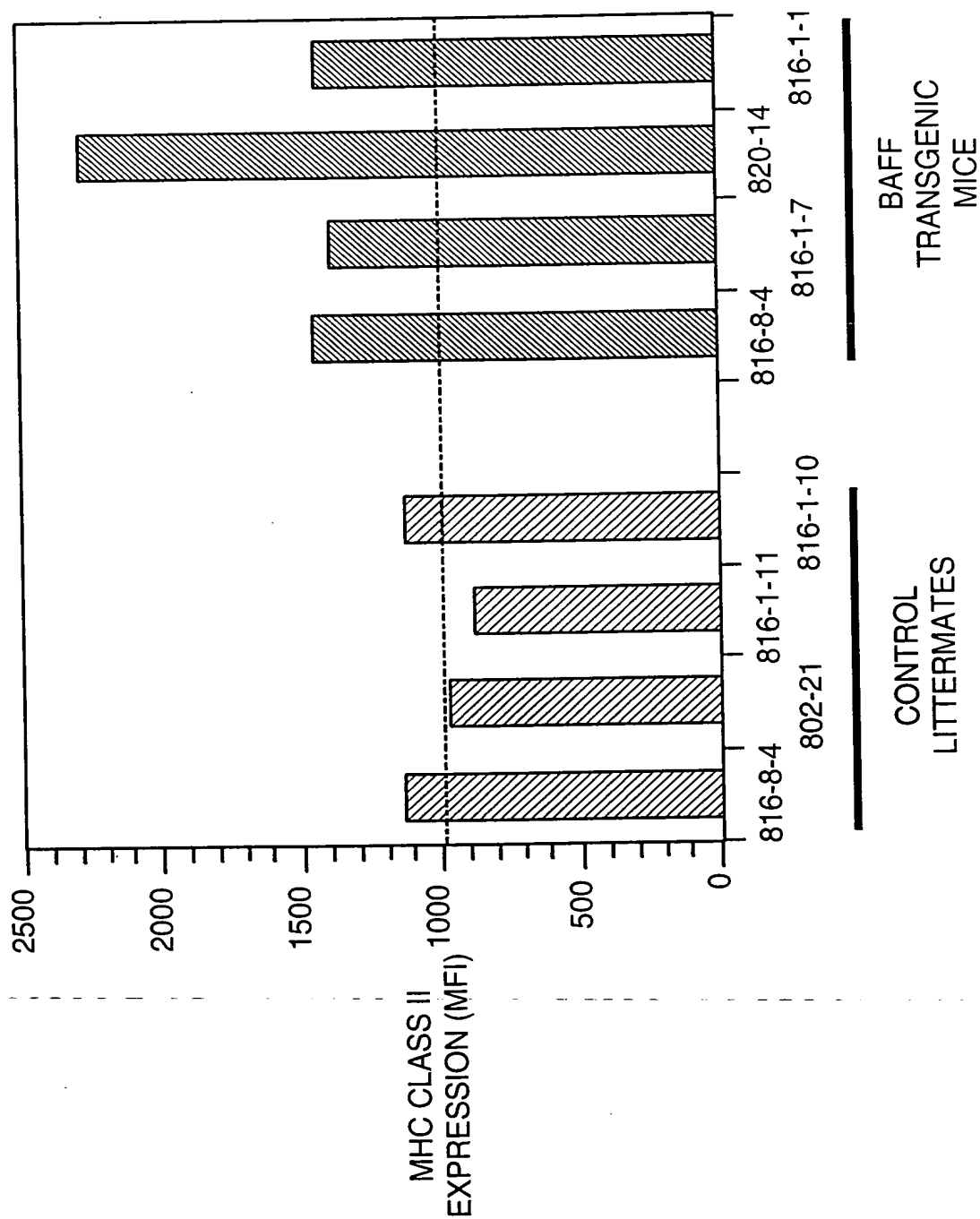


FIG. 7D

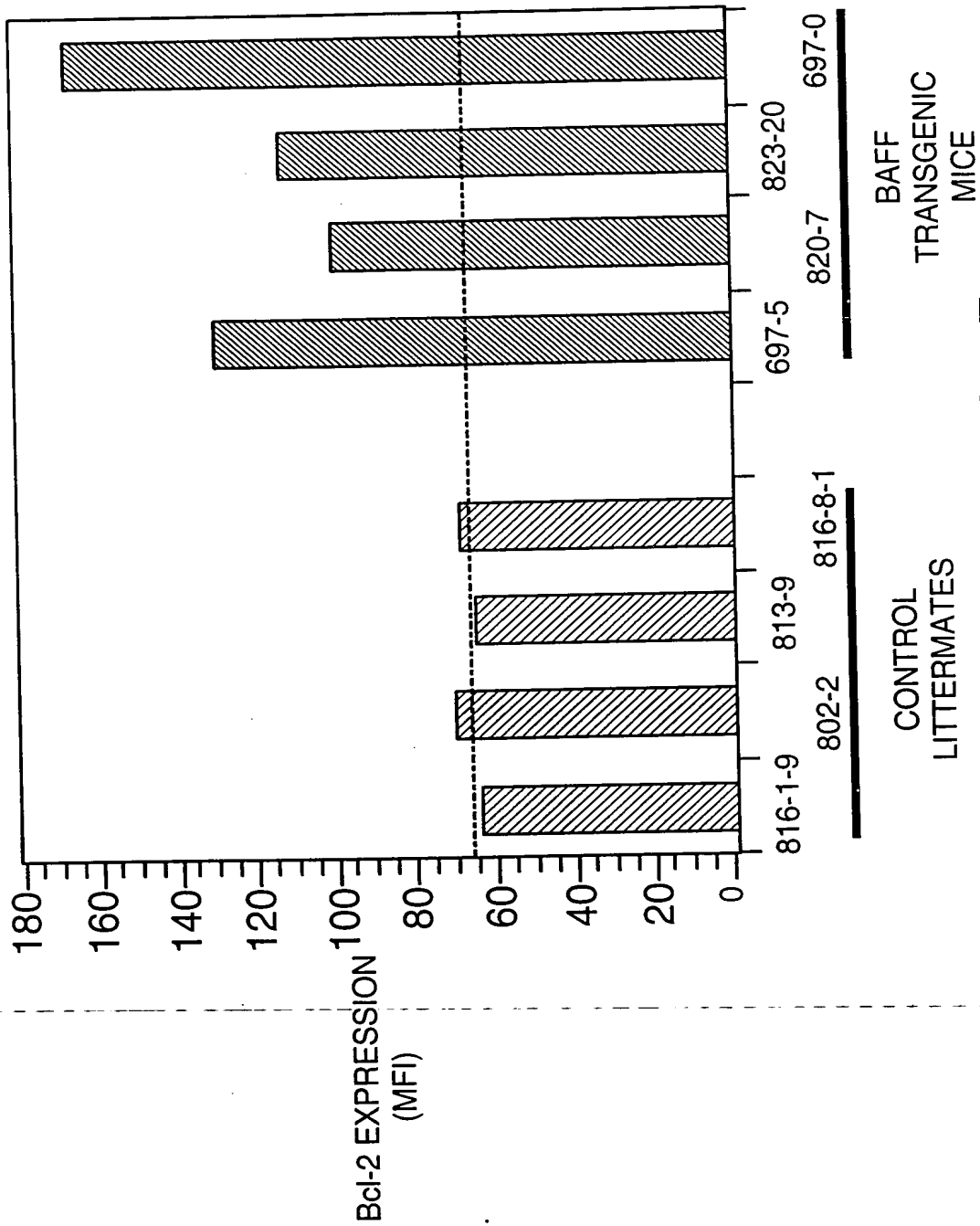


FIG. 7E

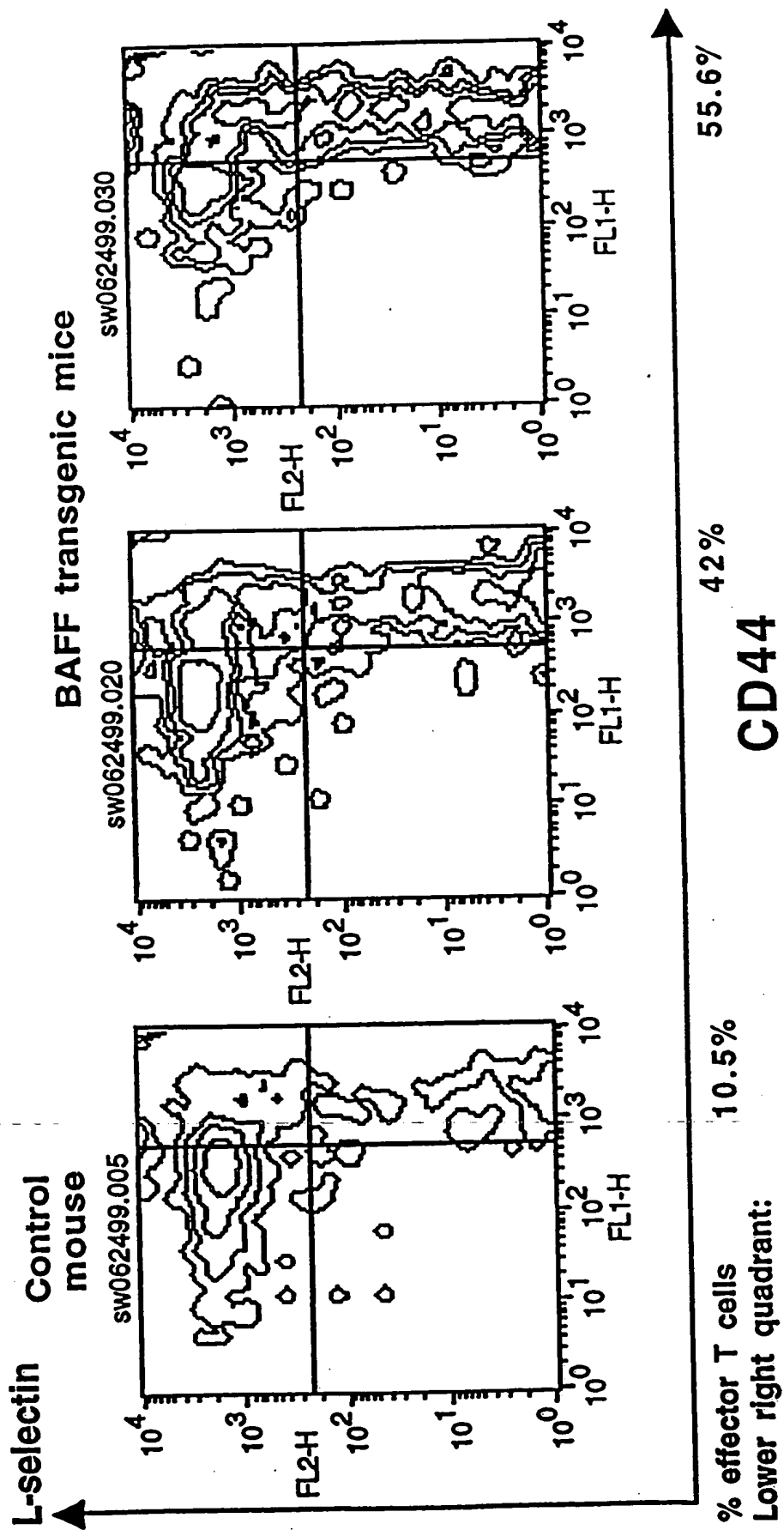
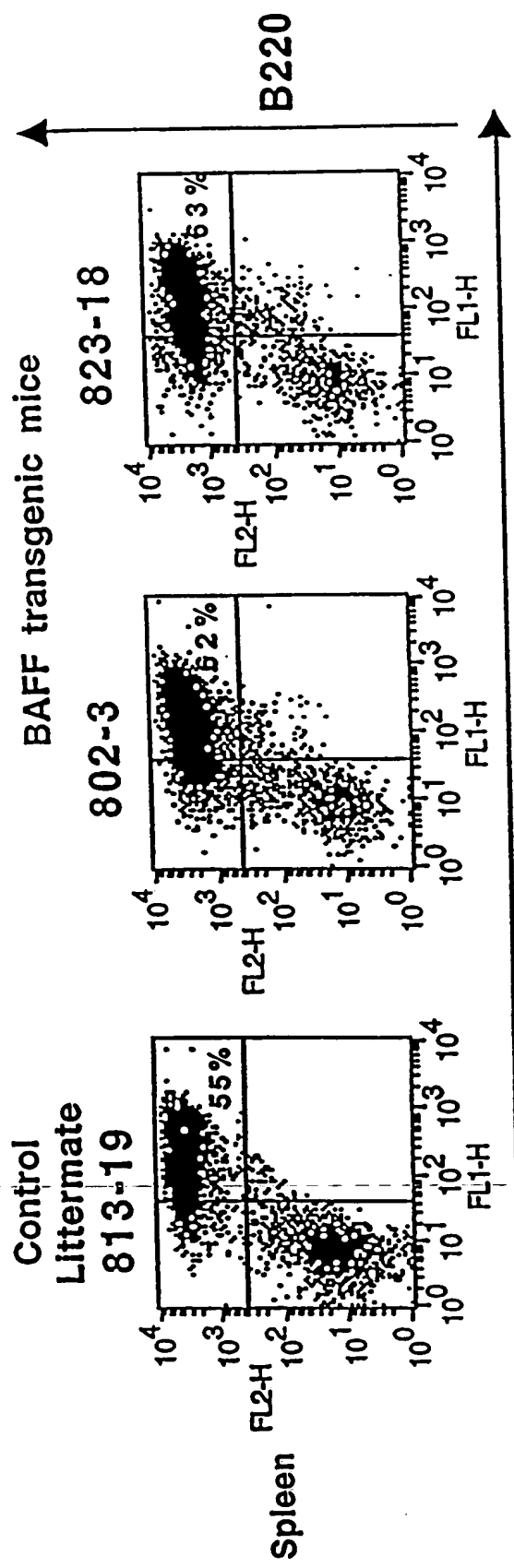
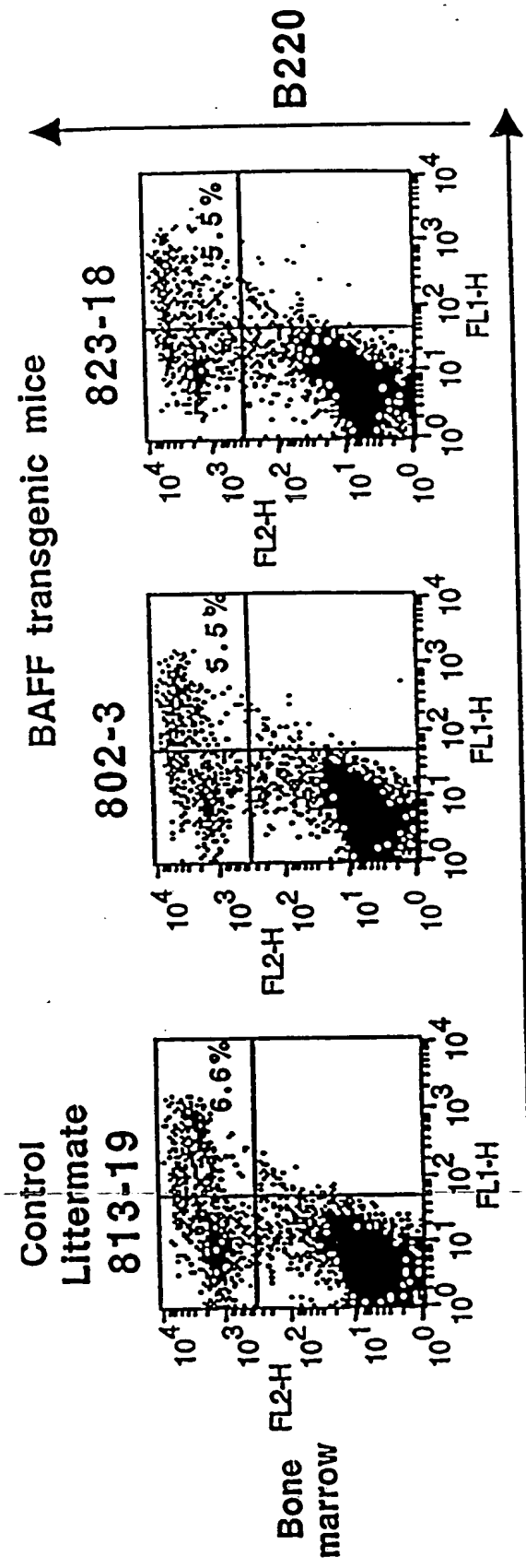


FIG. 7F



IgM

FIG. 8A-1



IgM

FIG. 8A-2

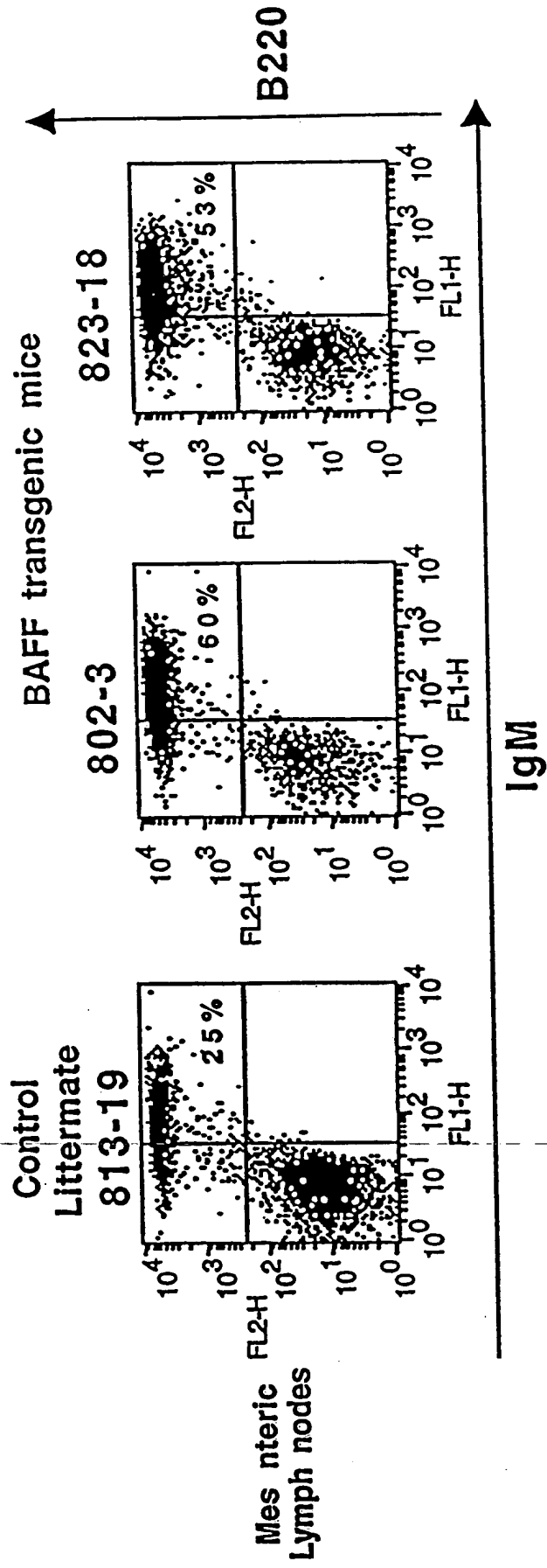


FIG. 8A-3

102011-42594001

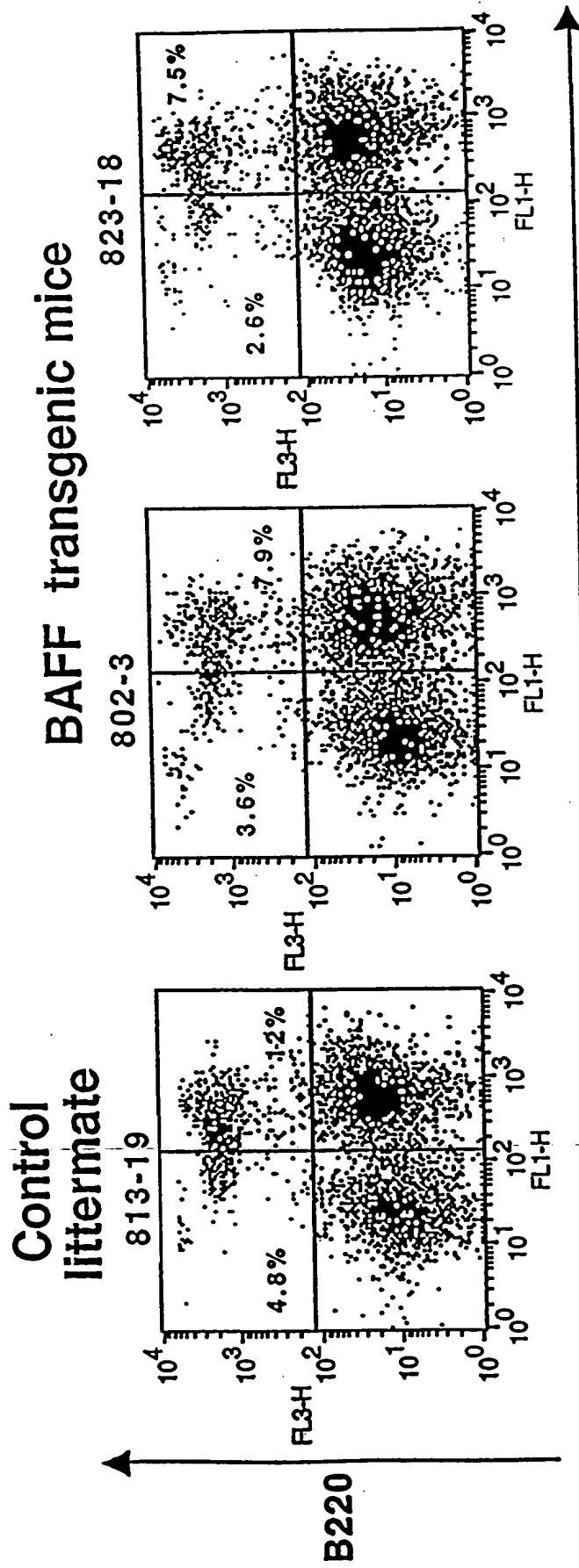


FIG. 8B

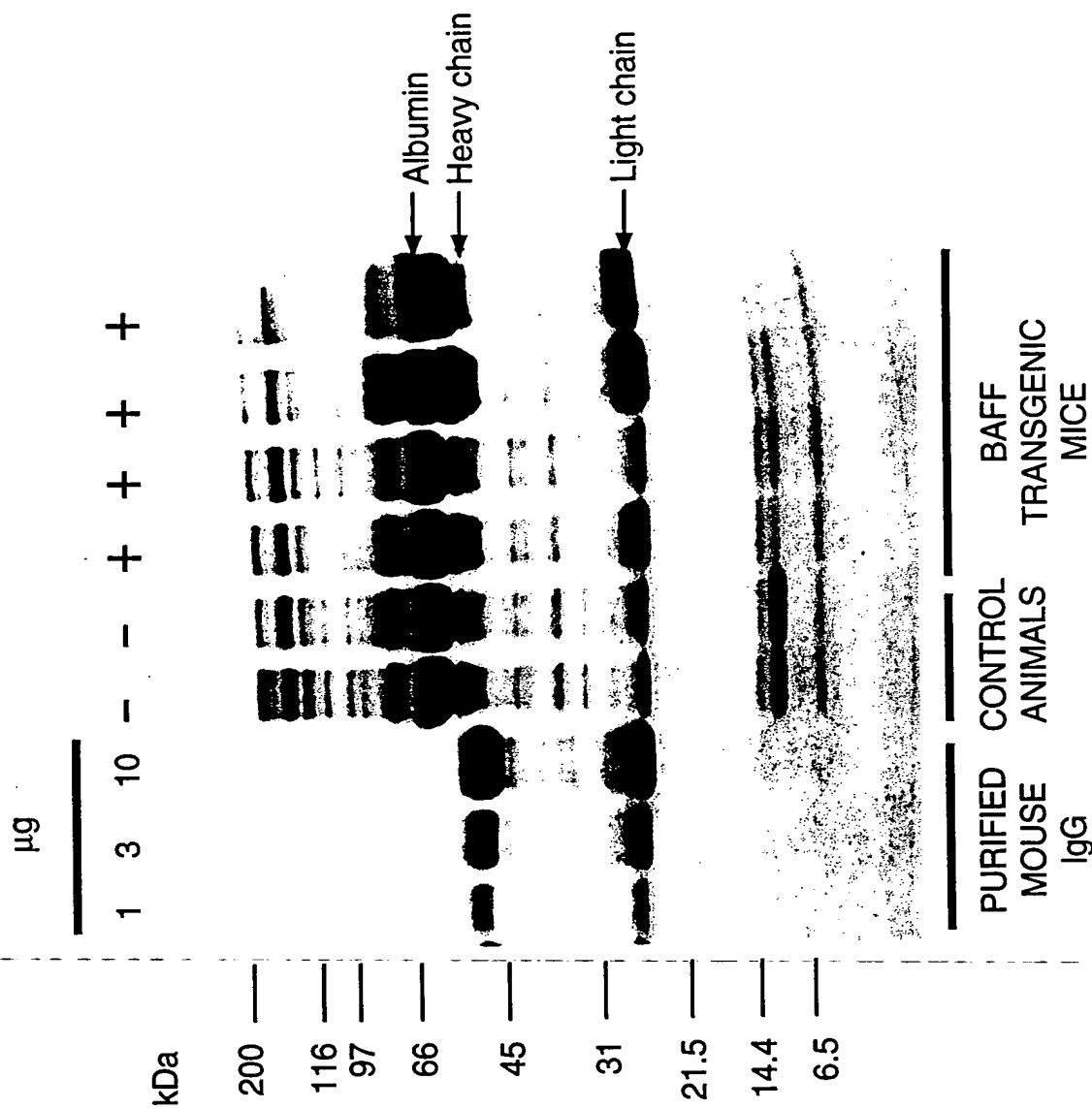
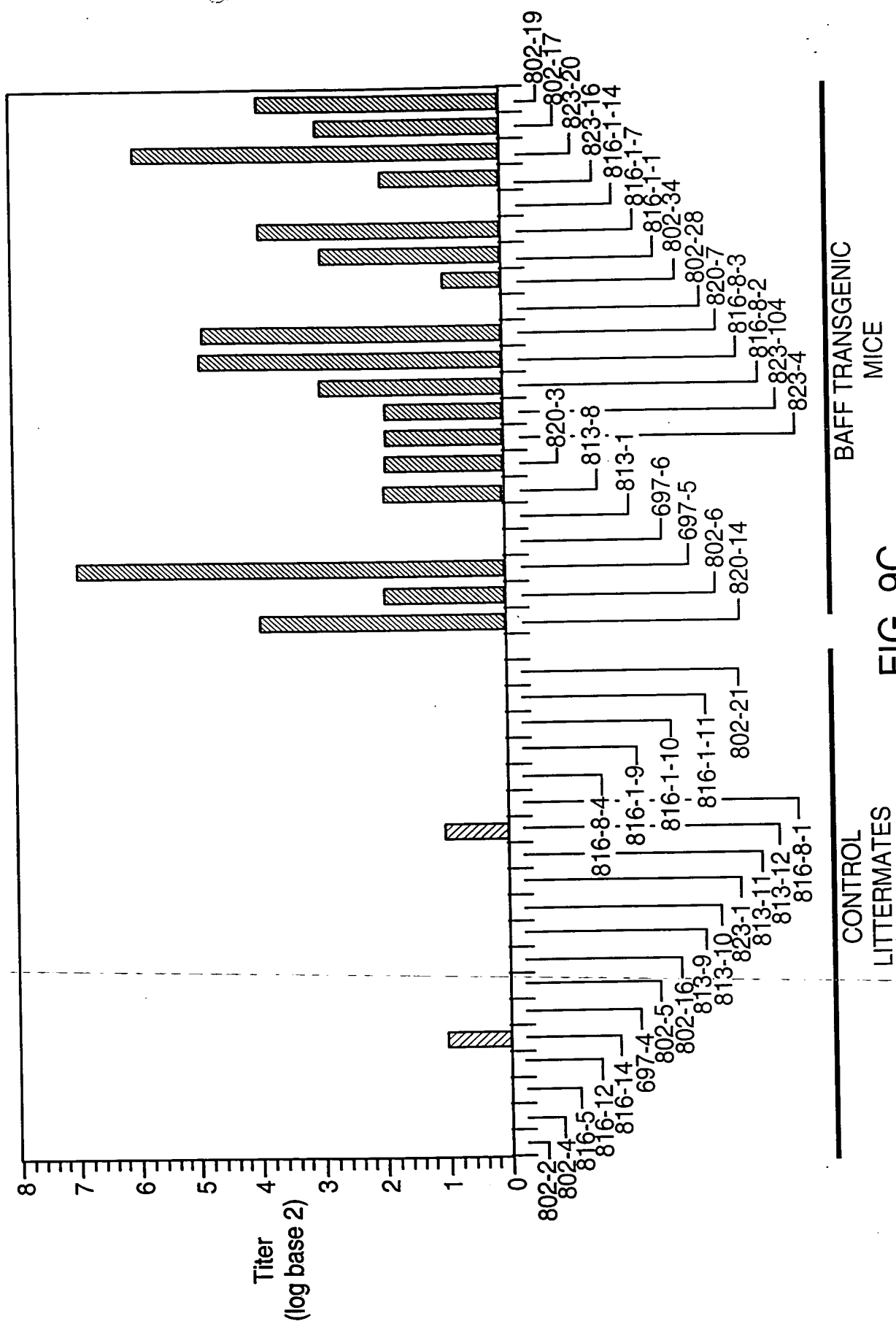
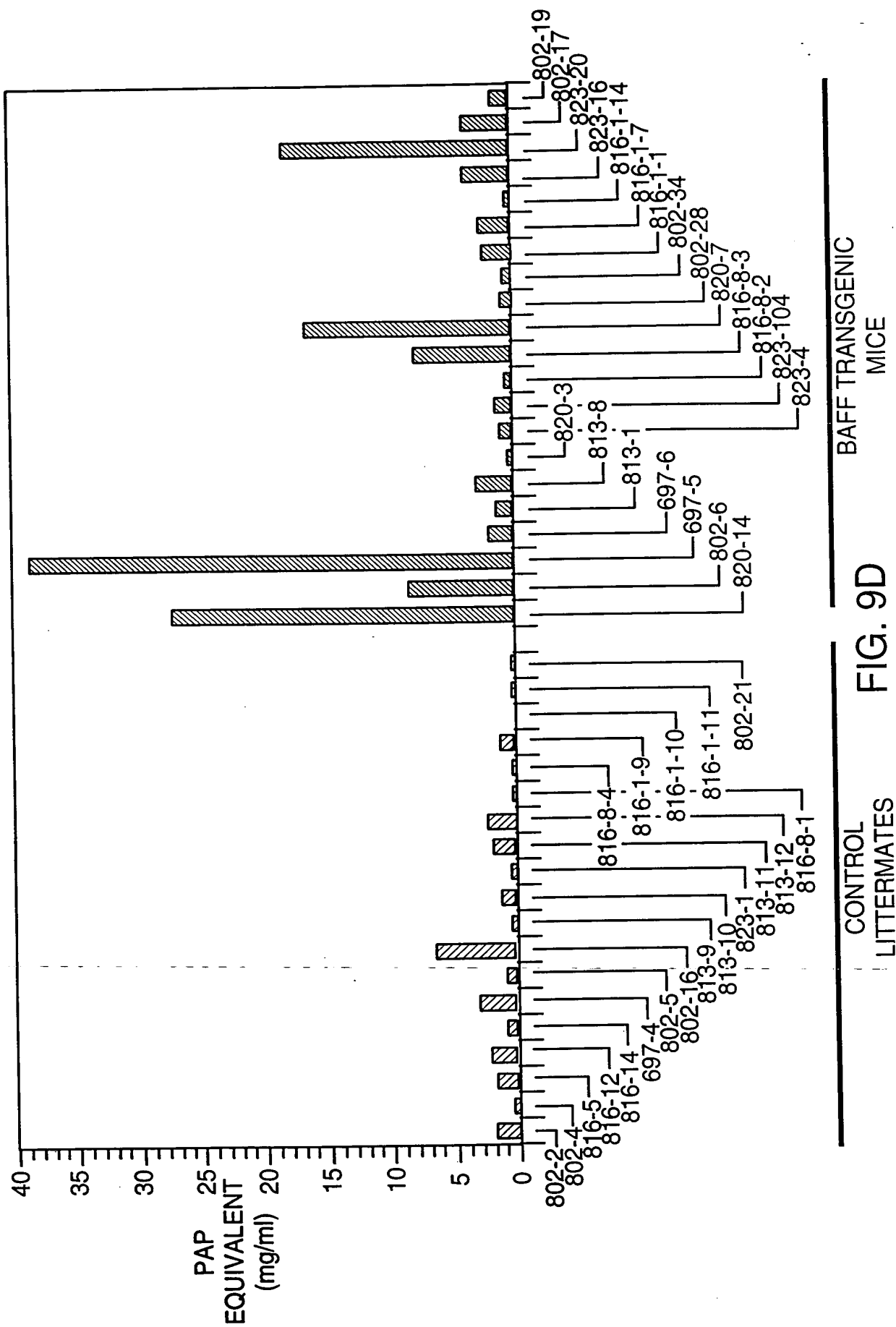


FIG. 9A

BAFF TRANSGENIC MICE





Sample ID	anti-ssDNA (µg/ml)
802-2	~175
802-4	~5
816-5	~170
816-12	~165
816-14	~105
697-4	~5
802-5	~5
802-16	~5
813-9	~5
813-10	~5
823-1	~5
813-11	~5
813-12	~5
816-8-1	~5
816-8-4	~5
816-1-9	~5
816-1-10	~5
816-1-11	~5
802-21	~5
820-14	~5
802-6	~5
697-5	~5
697-6	~5
813-1	~5
813-8	~5
820-3	~5
823-4	~5
823-104	~5
816-8-2	~5
816-8-3	~5
820-7	~5
802-28	~5
816-34	~5
816-1-1	~5
816-1-7	~5
823-1-14	~5
823-16	~5
802-17	~5
802-19	~40

BAFF TRANSGENIC MICE

FIG. 10A

**CONTROL
LITTERMATES**

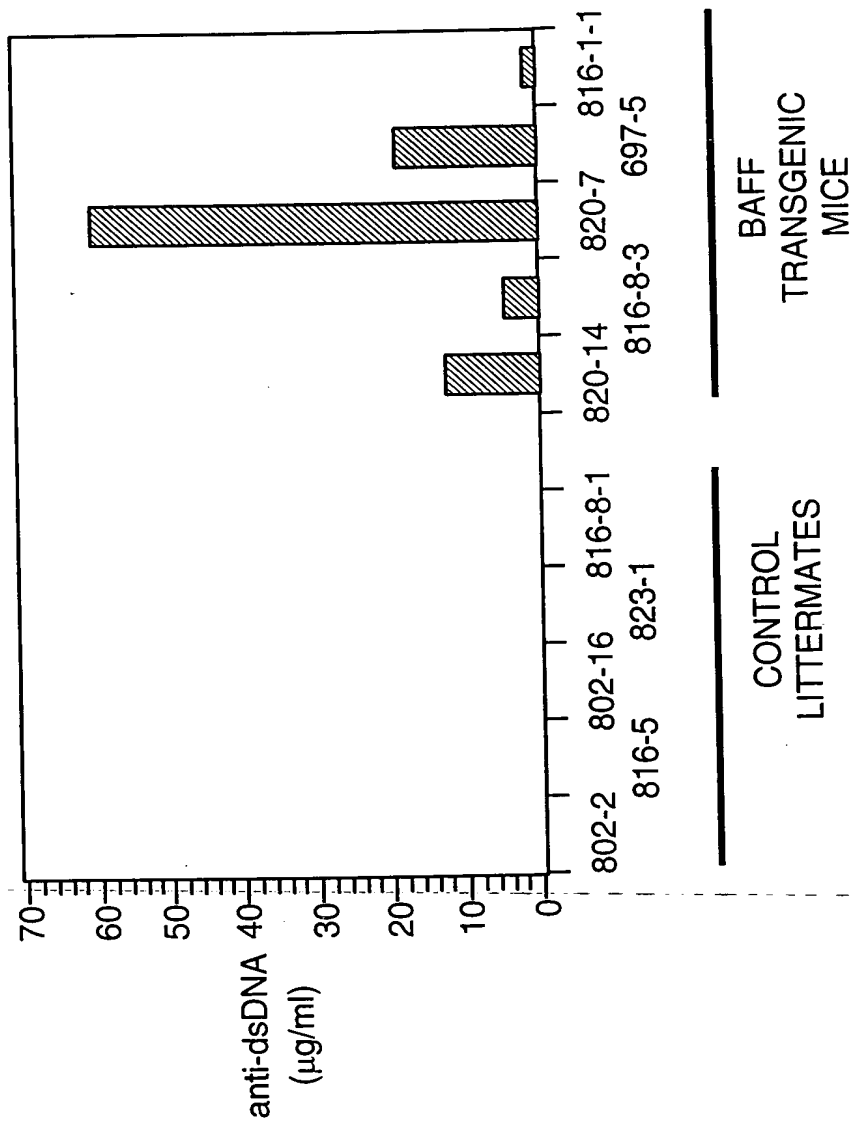


FIG. 10B

Control animal



BAFF transgenic mouse



FIG. 10C

FIG. 11

104574-10701

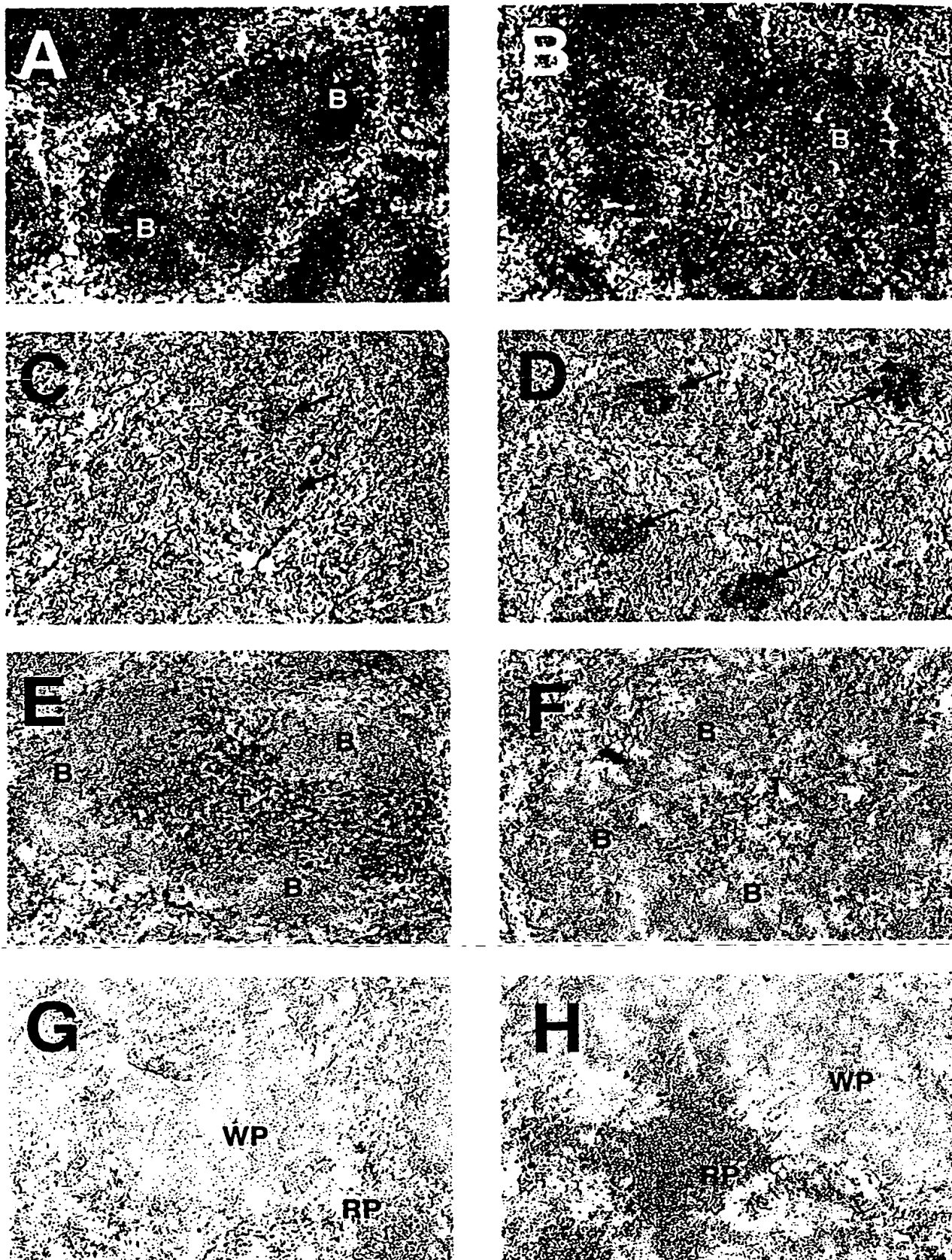


FIG. 12

1044574-110701

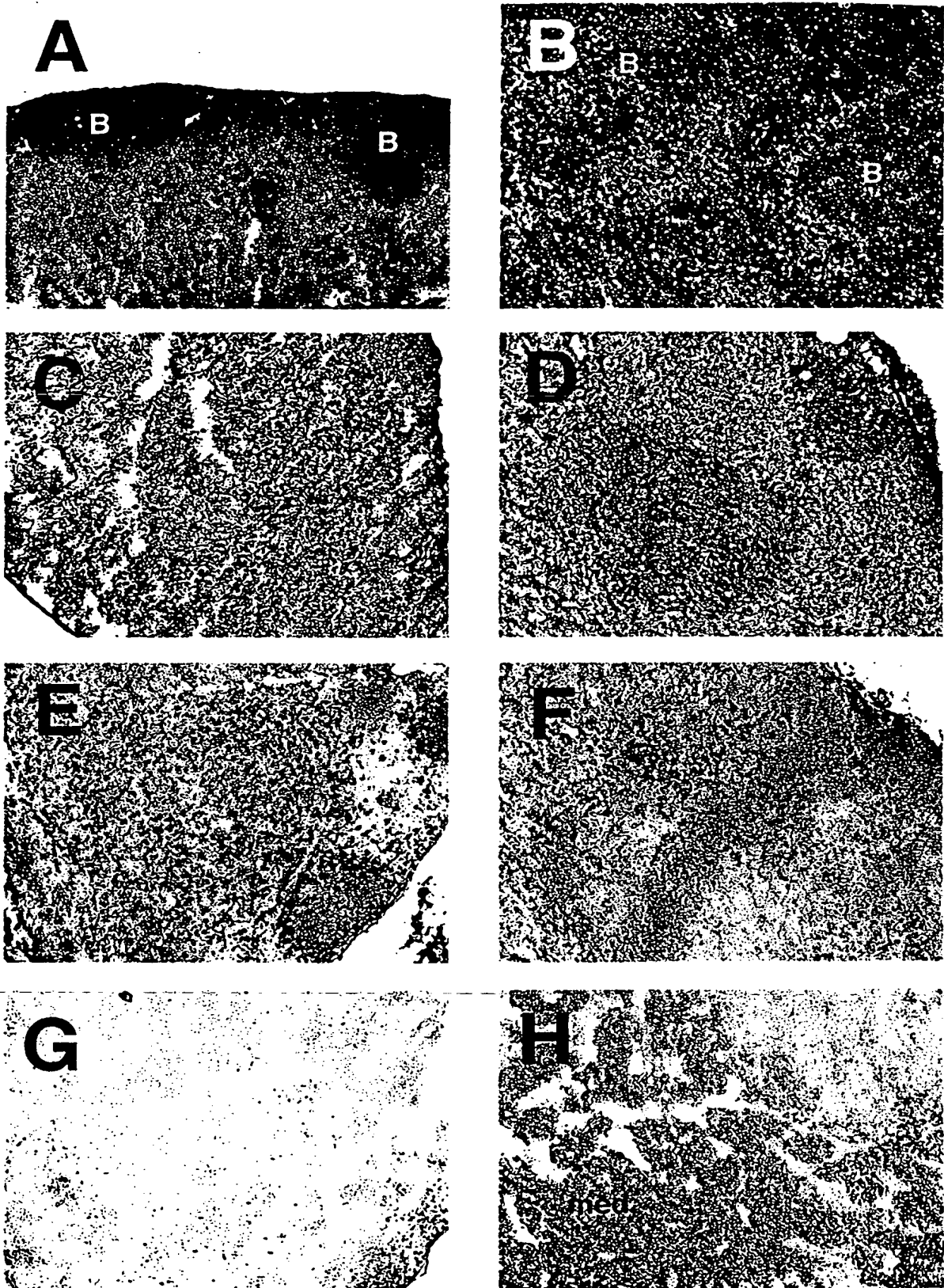


FIG. 13

Fig. 14 A

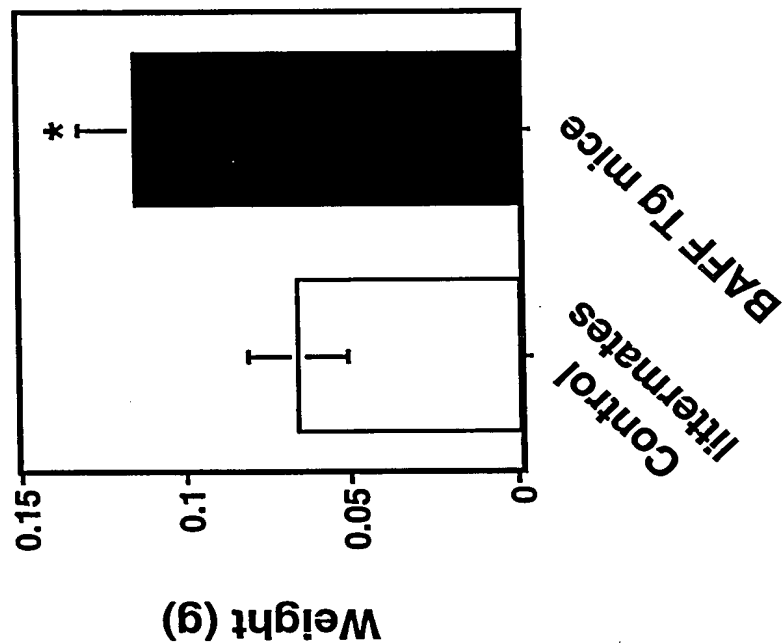


Fig.
14B

BAFF Tg mice



Control littermate

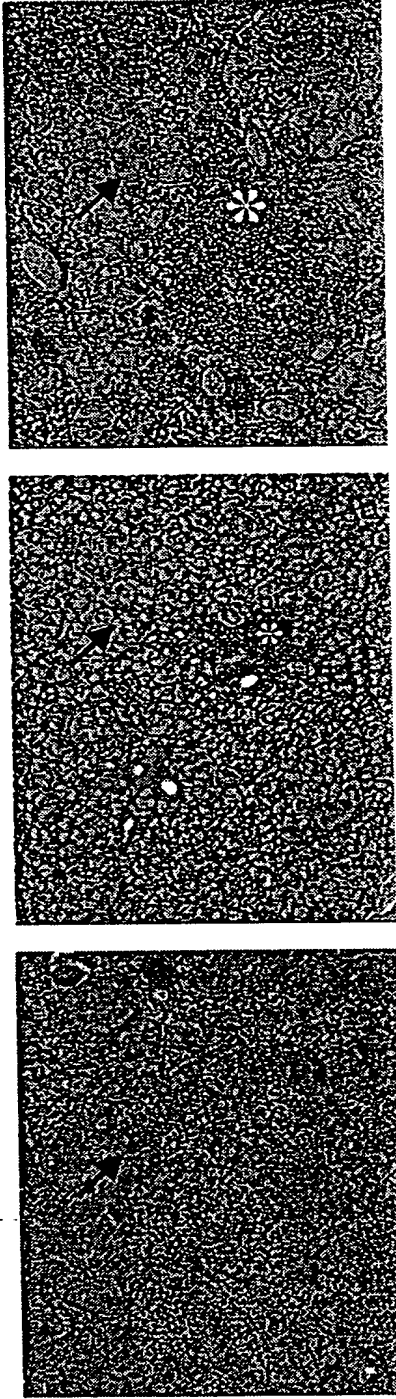


Fig. 14C

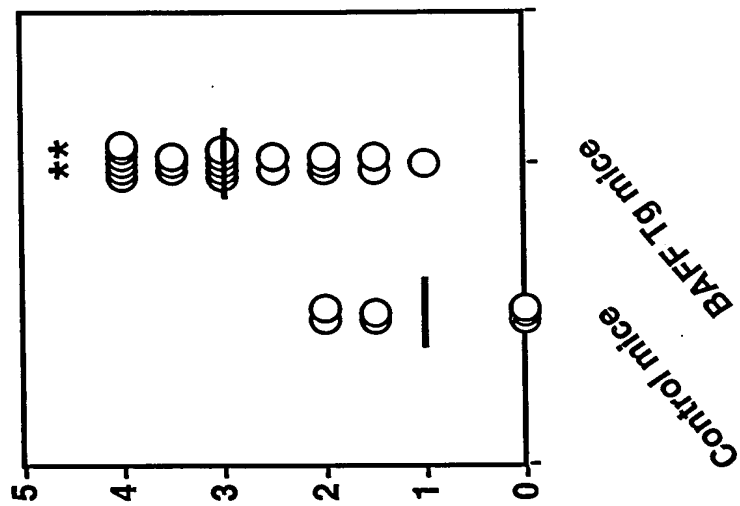


Fig. 15

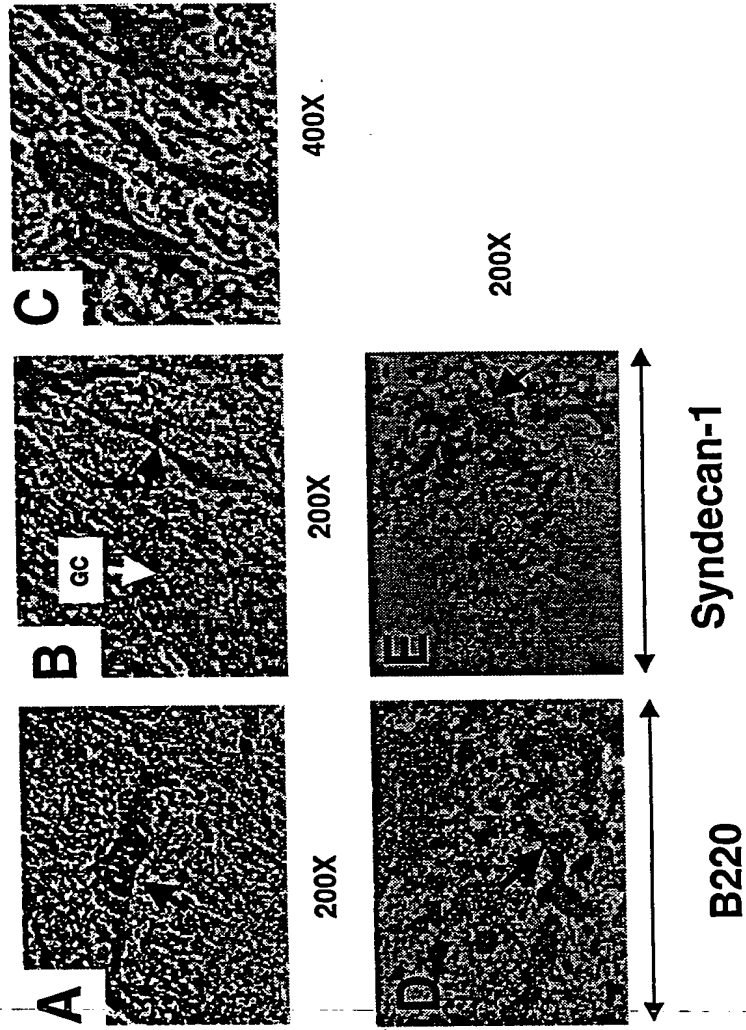
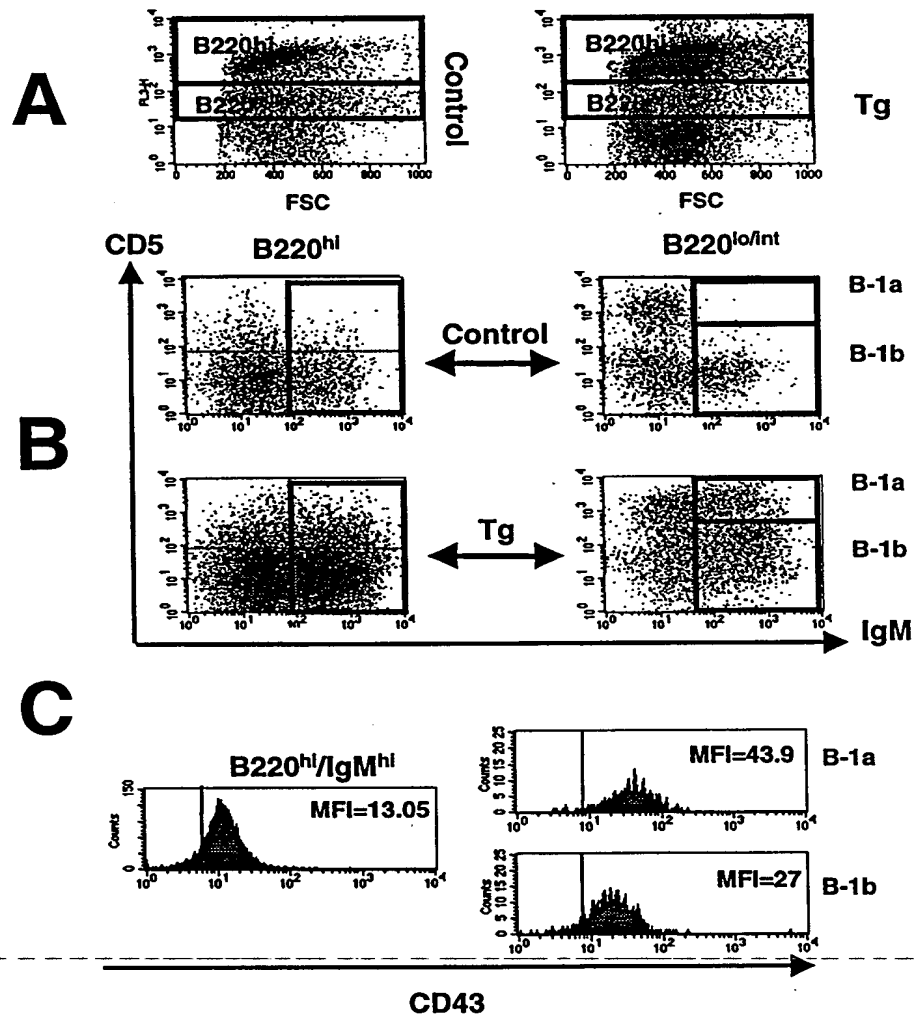


Fig 16.



[illegible]

Tg

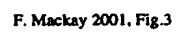


Fig 16

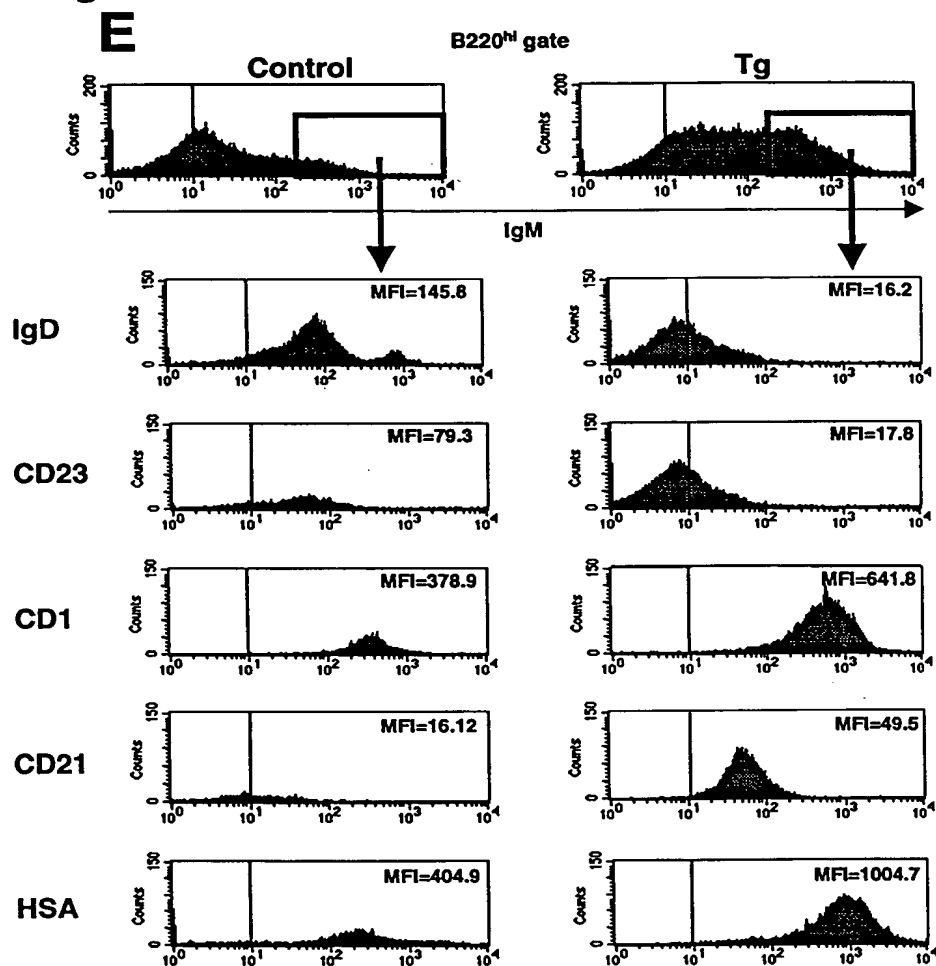


Fig. 16 **F**

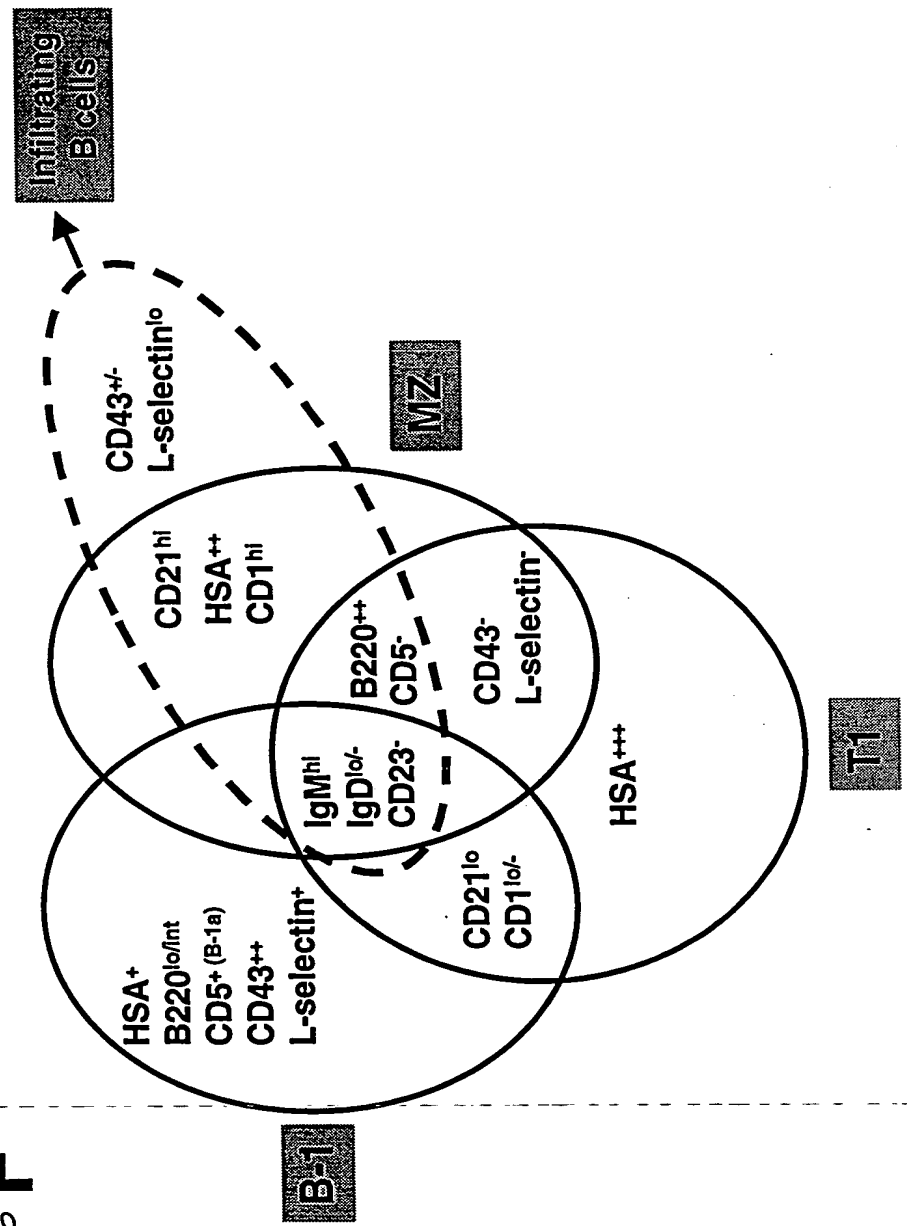


Fig. 17

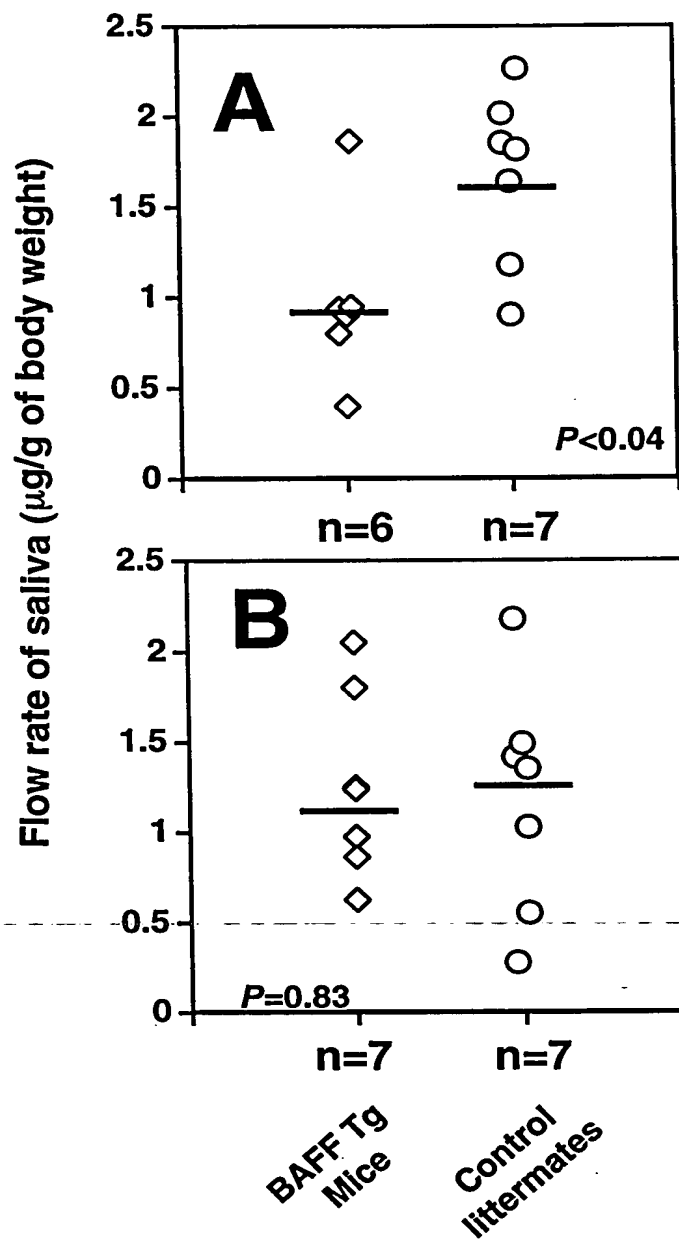


Fig. 18A

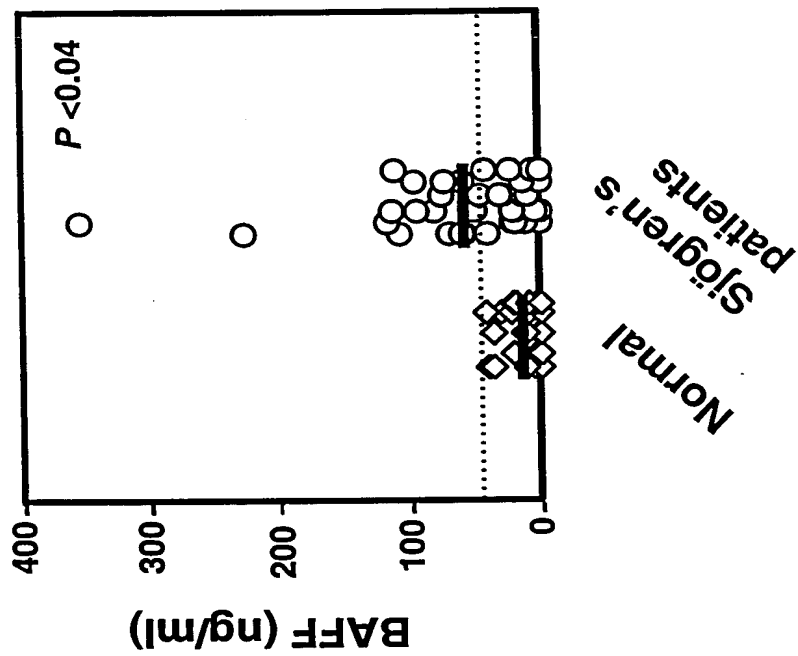


Fig. 18B

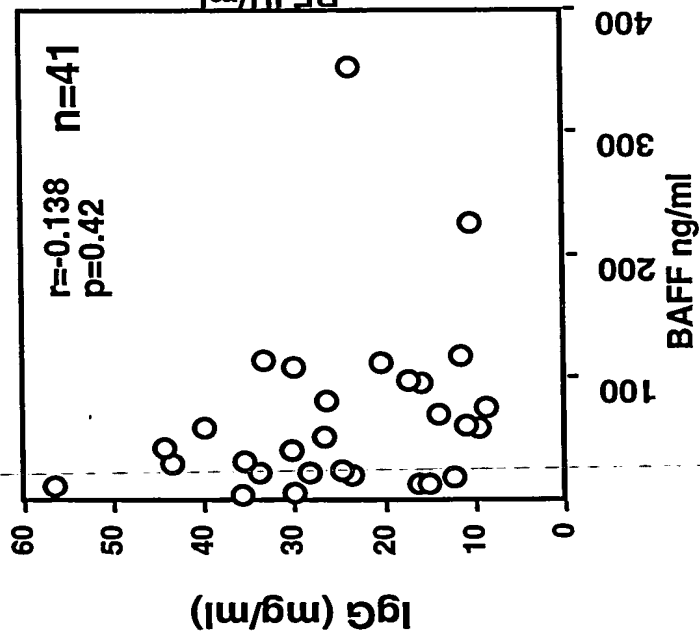
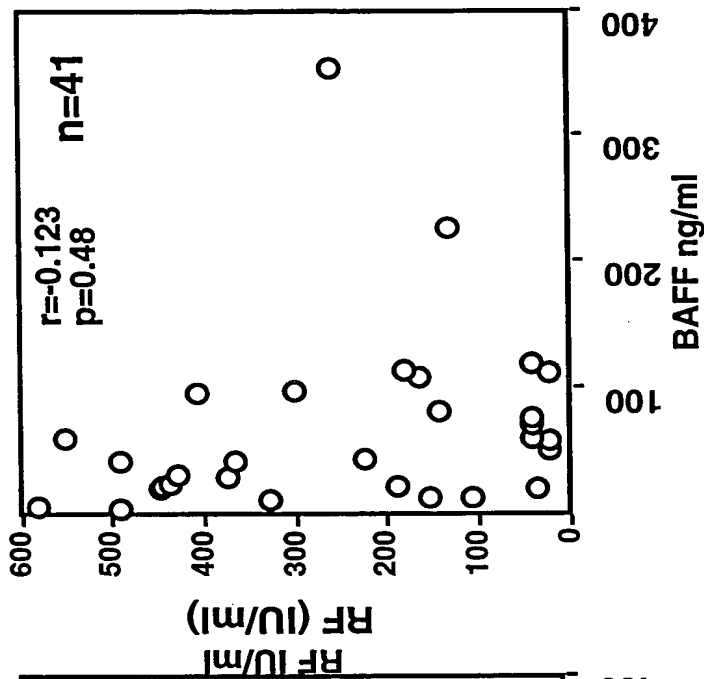


Fig. 18C



18. D

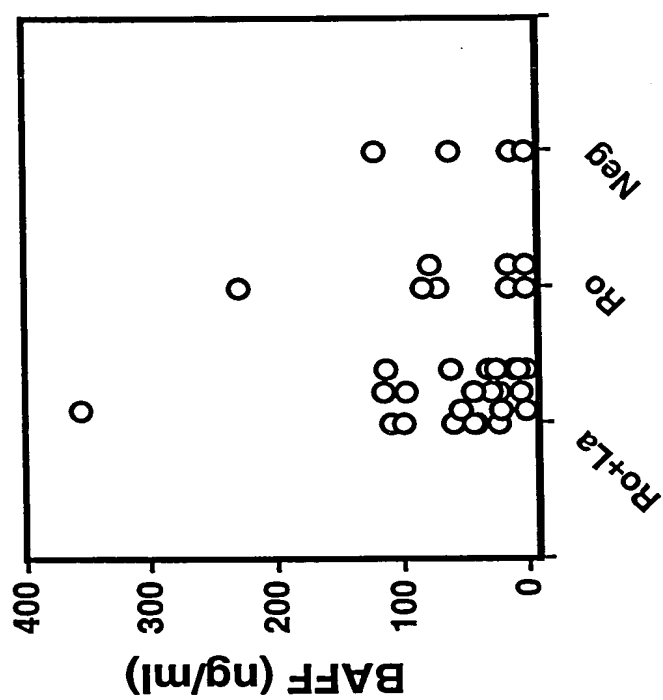


Fig. 18E

